

EXHIBIT LINE ITEM NUMBERS  
SOLICITATION NO. N33191-15-R-0823

PROVIDE UNIT PRICES FOR INDEFINITE DELIVERY INDEFINITE QUANTITY WORK

ELINs A700 through A1001

Base Period - Indefinite Quantity Work

<u>ELIN</u>	<u>SHORT DESCRIPTION</u>	<u>FULL DESCRIPTION</u>	<u>EST QTY</u>	<u>UNIT OF ISSUE</u>	<u>UNIT PRICE (USD)</u>	<u>TOTAL</u>
A700	<b>Demolition and Removal of Bituminous Asphalt Pavement</b>	The Contractor shall perform the demolition and removal of existing bituminous asphalt pavement. The asphalt pavement shall be saw cut, to a minimum depth of 10 cm, extending out 30.5 cm beyond the edge of the aggregate base to be removed. All saw cuts shall be made with vertical straight faces making one pair of faces at right angles to traffic flow. Typical details are shown on contract drawing PLATE # 10. Broken pavement, debris and resulting loose material shall be removed from limits of the station daily. All work shall be performed in accordance with Sections 01 57 19.00 20 - "Temporary Environmental Controls" & 02 41 00 - "Demolition". Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W). Dimensions and locations will be specified on the task order.	10,000	SM		0
A701	<b>Demolition and Removal of Aggregate Base</b>	The Contractor shall perform the demolition and removal of existing aggregate to a minimum depth of 20 cm. Typical details will be provided with each task order. Debris and resulting loose material shall be removed from limits of the station daily. All work shall be performed in accordance with Sections 01 57 19.00 20 - "Temporary Environmental Controls" & 02 41 00 - "Demolition". Unit of measurement shall be cubic meters (CM), as computed by multiplying, in meters, area length by width by depth (L x W x D). Dimensions and locations will be specified on the task order.	25,000	CM		0
A702	<b>Removal and Reinstallation or Disposal of Concrete Wheel Stops</b>	The Contractor shall perform the removal and reinstallation or disposal of existing concrete wheel stops. All work shall be performed in accordance with Sections 01 57 19.00 20 - "Temporary Environmental Controls" & 02 41 00 - "Demolition". Unit of measurement shall be Each (EA). Units and locations will be specified on the task order.	500	EA		0
A703	<b>Demolition and Removal of Concrete Curbs</b>	The Contractor shall perform the demolition and removal of existing pre-cast concrete curbs. All work shall be performed in accordance with Section 01 57 19.00 20 - "Temporary Environmental Controls" & 02 41 00 - "Demolition". Unit of measurement shall be linear meters (LM). Units and locations will be specified on the task order.	125	LM		0
A704	<b>Demolition and Removal of Storm Drainage Headwalls</b>	The Contractor shall perform the demolition and removal of existing storm drainage headwalls. Broken concrete, debris and resulting loose material shall be removed from limits of the station daily. All work shall be performed in accordance with Section 01 57 19.00 20 - "Temporary Environmental Controls" & 02 41 00 - "Demolition". Unit of measurement shall be Each (EA). Units and locations will be specified on the task order.	4	EA		0
A705	<b>Demolition and Removal of Concrete Pipe Culverts</b>	The Contractor shall perform the removal of existing pipe culverts. Old culvert pipe, debris and resulting loose material shall be removed from limits of the station daily. All work shall be performed in accordance with Section 01 57 19.00 20 - "Temporary Environmental Controls" & 02 41 00 - "Demolition". Unit of measurement shall be linear meters (LM). Units and locations will be specified on the task order.	100	LM		0

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A706	<b>Demolition and Removal of Concrete Sidewalks</b>	The Contractor shall perform demolition and removal of existing concrete sidewalks, all as indicated on the contract task order and site plans (as applicable). Where required and indicated, concrete shall be saw cut. Typical details will be provided with each task order. Broken concrete, debris and resulting loose material shall be removed from limits of the station daily. All work shall be performed in accordance with Sections 01 57 19.00 20-“Temporary Environmental Controls” & 02 41 00-“Demolition”.  Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) considering an average depth of 0.1m . Dimensions and locations will be specified on the task order.	1,500	SM		0
A707	<b>Cold Milling of Bituminous Asphalt Pavements</b>	The Contractor shall perform cold milling 6 cm depth on existing bituminous asphalt pavement. All debris and resulting loose milled material shall be removed from limits of the station daily. All work shall be performed in accordance with Sections 32 01 16 17 - "Cold Milling". This ELIN# may be ordered in conjunction with work ordered under ELIN's #A735.  Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W). Dimensions and locations will be specified on the task order.	75,000	SM		0
A708	<b>Earthwork for Construction of Bituminous Asphalt Pavements</b>	The Contractor shall perform the general earthwork required for the construction of bituminous asphalt paved roads and parking lots. The work includes performing site preparation, excavation, compaction, removal of excess material and grading, all as necessary to construct bituminous asphalt paved roads, and parking lots at the finished grade and elevations indicated. Typical details are shown on contract drawing PLATE #'s 7 & 8. All work shall be performed in accordance with Section 31 23 00.00 20 - “Excavation and Fill”.  Unit of measurement shall be cubic meters (CM), as computed by multiplying, in meters, area length by width by depth (L x W x D). Dimensions, slopes and finished grade will be specified on the task order.	1,700	CM		0
A709	<b>Earthwork for Storm Sewer Pipe (4 meter max. depth)</b>	The Contractor shall perform the general excavation required for the installation storm drainage pipe. The work includes performing site preparation, excavation, installation of granular pipe bedding, backfill, compacting, removal of excess material and grading, all as necessary to install storm sewer pipe and other related appurtenances at the finished grade and elevations indicated. Maximum depth shall be 4 meter. Typical details are shown on contract drawing PLATE # 1. All work shall be performed in accordance with Section 31 23 00.00 20 - “Excavation and Fill”.  Unit of measurement shall be cubic meters (CM), as computed by multiplying, in meters, length by width by depth (L x W x D). Dimensions, slopes and finished grade will be specified on the task order.	150	CM		0
A710	<b>Earthwork for Storm Sewer Manholes (4 meter max. depth)</b>	The Contractor shall perform the general excavation required for the construction of storm sewer manholes. The work includes performing site preparation, excavation, backfill, compacting, removal of excess material and grading, all as necessary to install storm sewer manholes at the finished grade and elevations indicated. Maximum depth shall be 4 meter. Typical details are shown on contract drawing PLATE # 2. All work shall be performed in accordance with Section 31 23 00.00 20 - “Excavation and Fill”.  Unit of measurement shall be cubic meters (CM), as computed by multiplying, in meters, length by width by depth (L x W x D). Dimensions, slopes and finished grade will be specified on the task order.	60	CM		0

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A711	<b>Earthwork For Storm Drainage Channels/Reshaping (4 meter max. depth)</b>	The Contractor shall perform the general excavation required for the construction of storm drainage channels. The work includes performing site preparation, excavation for new channel and reshaping for old channel, backfill, compaction, installation of organic mat, removal of excess material and grading, all as necessary to construct storm drainage channels at the finished grade and elevations indicated. Typical details are shown on contract drawing PLATE # 3. All work shall be performed in accordance with Section 31 23 00.00 20 - "Excavation and Fill". Unit of measurement shall be cubic meters (CM), as computed by multiplying, in meters, length by width by depth (L x W x D). Dimensions, slopes and finished grade will be specified on the task order.	150	CM		0
A712	<b>Earthwork for Construction of Sidewalks</b>	The Contractor shall perform the general earthwork required for the construction of concrete sidewalks. The work includes performing site preparation, excavation, compaction, and removal of excess material and grading, all as necessary to construct concrete sidewalks at the finished grade and elevations indicated. Typical details are shown on contract drawing PLATE #18. All work shall be performed in accordance with Section 31 00 00 -"Earthwork". Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) considering an average depth of 0.1m . Dimensions and locations will be specified on the task order.	1,500	SM		0
A713	<b>Concrete Storm Sewer Pipe (Ø20 cm)</b>	The Contractor shall perform the installation of 20 cm. diameter concrete storm drainage pipe. The work includes providing granular pipe bedding material, concrete storm drainage pipe, fittings and joints at the finished grade and elevations indicated. Typical details are shown on contract drawing PLATE # 1. All work shall be performed in accordance with Sections 31 23 00.00 20 - "Excavation and Fill" and 33 40 01 - "Storm Drainage". Unit of measurement shall be linear meters (LM). Dimensions, slopes and locations will be specified on the task order.	50	LM		0
A714	<b>Concrete Storm Sewer Pipe (Ø30 cm)</b>	The Contractor shall perform the installation of 30 cm. diameter concrete storm drainage pipe. The work includes providing granular pipe bedding material, concrete storm drainage pipe, fittings and joints at the finished grade and elevations indicated. Typical details are shown on contract drawing PLATE # 1. All work shall be performed in accordance with Sections 31 23 00.00 20 - "Excavation and Fill" and 33 40 01 - "Storm Drainage". Unit of measurement shall be linear meters (LM). Dimensions, slopes and locations will be specified on the task order.	50	LM		0
A715	<b>Concrete Storm Sewer Pipe (Ø40 cm)</b>	The Contractor perform the installation of 40 cm. diameter concrete storm drainage pipe. The work includes providing granular pipe bedding material, concrete storm drainage pipe, fittings and joints at the finished grade and elevations indicated. Typical details are shown on contract drawing PLATE # 1. All work shall be performed in accordance with Sections 31 23 00.00 20 - "Excavation and Fill" and 33 40 01 - "Storm Drainage". Unit of measurement shall be linear meters (LM). Dimensions, slopes and locations will be specified on the task order.	50	LM		0

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A716	<b>Concrete Storm Sewer Pipe (Ø50 cm)</b>	The Contractor shall perform the installation of 50 cm. diameter concrete storm drainage pipe. The work includes providing granular pipe bedding material, concrete storm drainage pipe, fittings and joints at the finished grade and elevations indicated. Typical details are shown on contract drawing PLATE # 1. All work shall be performed in accordance with Sections 31 23 00.00 20 - "Excavation and Fill" and 33 40 01 - "Storm Drainage". Unit of measurement shall be linear meters (LM). Dimensions, slopes and locations will be specified on the task order.	50	LM		0
A717	<b>Concrete Storm Sewer Pipe (Ø60 cm)</b>	The Contractor shall perform the installation of 60 cm. diameter concrete storm drainage pipe. The work includes providing granular pipe bedding material, concrete storm drainage pipe, fittings and joints at the finished grade and elevations indicated. Typical details are shown on contract drawing PLATE # 1. All work shall be performed in accordance with Sections 31 23 00.00 20 - "Excavation and Fill" and 33 40 01 - "Storm Drainage". Unit of measurement shall be linear meters (LM). Dimensions, slopes and locations will be specified on the task order.	50	LM		0
A718	<b>PVC Storm Sewer Pipe (Ø12.5 cm)</b>	The Contractor shall perform the installation of 12.5 cm. diameter PVC storm drainage pipe. The work includes providing granular pipe bedding material, PVC storm drainage pipe, fittings and joints at the finished grade and elevations indicated. Typical details are shown on contract drawing PLATE # 3. All work shall be performed in accordance with Sections 31 23 00.00 20 - "Excavation and Fill" and 33 40 01 - "Storm Drainage". Unit of measurement shall be linear meters (LM). Dimensions, slopes and locations will be specified on the task order.	50	LM		0
A719	<b>PVC Storm Sewer Pipe (Ø16 cm)</b>	The Contractor shall perform the installation of 16 cm. diameter PVC storm drainage pipe. The work includes providing granular pipe bedding material, PVC storm drainage pipe, fittings and joints at the finished grade and elevations indicated. Typical details are shown on contract drawing PLATE # 3. All work shall be performed in accordance with Sections 31 23 00.00 20 - "Excavation and Fill" and 33 40 01 - "Storm Drainage". Unit of measurement shall be linear meters (LM). Dimensions, slopes and locations will be specified on the task order.	50	LM		0
A720	<b>PVC Storm Sewer Pipe (20 cm)</b>	The Contractor shall perform the installation of 20 cm. diameter PVC storm drainage pipe. The work includes providing granular pipe bedding material, PVC storm drainage pipe, fittings and joints at the finished grade and elevations indicated. Typical details are shown on contract drawing PLATE # 3. All work shall be performed in accordance with Sections 31 23 00.00 20 - "Excavation and Fill" and 33 40 01 - "Storm Drainage". Unit of measurement shall be linear meters (LM). Dimensions, slopes and locations will be specified on the task order.	50	LM		0
A721	<b>PVC Storm Sewer Pipe (Ø25 cm)</b>	The Contractor shall perform the installation of 25 cm. diameter PVC storm drainage pipe. The work includes providing granular pipe bedding material, PVC storm drainage pipe, fittings and joints at the finished grade and elevations indicated. Typical details are shown on contract drawing PLATE # 1. All work shall be performed in accordance with Sections 31 23 00.00 20 - "Excavation and Fill" and 33 40 01 - "Storm Drainage". Unit of measurement shall be linear meters (LM). Dimensions, slopes and locations will be specified on the task order.	50	LM		0

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A722	<b>PVC Storm Sewer Pipe (Ø31.5 cm)</b>	The Contractor shall perform the installation of 31.5 cm. diameter PVC storm drainage pipe. The work includes providing granular pipe bedding material, PVC storm drainage pipe, fittings and joints at the finished grade and elevations indicated. Typical details are shown on contract drawing PLATE # 1. All work shall be performed in accordance with Sections 31 23 00.00 20 - "Excavation and Fill" and 33 40 01 - "Storm Drainage". Unit of measurement shall be linear meters (LM). Dimensions, slopes and locations will be specified on the task order.	50	LM		0
A723	<b>PVC Storm Sewer Pipe (Ø40 cm)</b>	The Contractor shall perform the installation of 40 cm. diameter PVC storm drainage pipe. The work includes providing granular pipe bedding material, PVC storm drainage pipe, fittings and joints at the finished grade and elevations indicated. Typical details are shown on contract drawing PLATE # 1. All work shall be performed in accordance with Sections 31 23 00.00 20 - "Excavation and Fill" and 33 40 01 - "Storm Drainage". Unit of measurement shall be linear meters (LM). Dimensions, slopes and locations will be specified on the task order.	50	LM		0
A724	<b>Construct Storm Drainage Headwalls</b>	The Contractor shall perform the construction of reinforced concrete headwalls. The work includes performing site preparation, excavation and /or fill, forming, reinforcement, concrete placement, backfill, compaction, removal of excess material and grading, all as necessary to construct concrete storm drainage headwalls at the finished grades and elevations indicated. Typical details are shown on contract drawing PLATE # 5. All work shall be performed in accordance with Sections 31 23 00.00 20 - "Excavation and Fill", 33 40 01 - "Storm Drainage", and 03 33 00 -"Cast-In-Place Architectural Concrete". Unit of measurement shall be Each (EA). Units and locations will be specified on the task order.	4	EA		0
A725	<b>Install Pre-Cast Storm Sewer Manhole (0 - 1 meter depth)</b>	The Contractor shall perform the installation of pre-cast concrete storm sewer manholes. The work includes supply, delivery and installation of pre-cast concrete manholes, including manhole base, riser, eccentric cone, frames and covers, as applicable, and connection of pipe, all as necessary for the construction of concrete storm drainage manholes at the finished grades and elevations indicated. Typical details are shown on contract drawing PLATE # 2. All work shall be performed in accordance with Sections 31 23 00.00 20 - "Excavation and Fill", 33 40 01 - "Storm Drainage", 03 33 00 -"Cast-In-Place Architectural Concrete". Unit of measurement shall be EA (EA). Units and locations will be specified on the task order.	5	EA		0
A726	<b>Install Pre-Cast Storm Sewer Manhole (1 - 3 meter depth)</b>	The Contractor shall perform the installation of pre-cast concrete storm sewer manholes. The work includes supply, delivery and installation of pre-cast concrete manholes, including manhole base, riser, eccentric cone, frames and covers, as applicable, and connection of pipe, all as necessary for the construction of concrete storm drainage manholes at the finished grades and elevations indicated. Typical details are shown on contract drawing PLATE # 2. All work shall be performed in accordance with Sections 31 23 00.00 20 - "Excavation and Fill", 33 40 01 - "Storm Drainage", 03 33 00 -"Cast-In-Place Architectural Concrete". Unit of measurement shall be Each (EA). Units and locations will be specified on the task order.	5	EA		0

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A727	<b>Install Pre-cast Concrete Storm Drainage Catch Basin</b>	The Contractor shall perform the installation of pre-cast concrete storm drainage catch basins. The work includes excavation, supply, delivery and installation of pre-cast concrete catch basins, including base, riser, frames and grating, as applicable, and connection to piping, all as necessary for the construction of concrete storm drainage catch basins at the finished grades and elevations indicated. Typical details are shown on contract drawing PLATE # 6. All work shall be performed in accordance with Sections 31 23 00.00 20 - "Excavation and Fill", 33 40 01 - "Storm Drainage". Unit of measurement shall be Each (EA). Units and locations will be specified on the task order.	6	EA		0
A728	<b>Construct Brick Storm Drainage Catch Basin</b>	The Contractor shall perform the fabrication of brick storm drainage catch basins. The work includes excavation, brick work, armored concrete base, riser, walls, patching and finish, frames and grating, as applicable, and connection to piping, all as necessary for the construction of brick storm drainage catch basins at the finished grades and elevations indicated. All work shall be performed in accordance with Sections 31 23 00.00 20 - "Excavation and Fill", 33 40 01 - "Storm Drainage". Unit of measurement shall be Each (EA). Units and locations will be specified on the task order.	12	EA		0
A729	<b>Install Rip-Rap Storm Drainage Channel Lining</b>	The Contractor shall install rip-rap storm drainage channel lining. The work includes supply, delivery and installation of rip-rap channel lining. Typical detail is shown on contract drawing PLATE # 4. All work shall be performed in accordance with Sections 31 23 00.00 20 - "Excavation and Fill", 33 40 01 - "Storm Drainage", and 03 33 00 - "Cast-In-Place Architectural Concrete". Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width, (L x W). Dimensions and locations will be specified on the task order.	50	SM		0
A730	<b>Up-rise Manhole</b>	The Contractor shall perform the uprising of manhole. The work includes performing removal of frame and cover, bricks placement, reinstallation of frame and cover, removal of excess material and grading, all as necessary to up-rise manhole at the finished grades and elevations indicated. Typical details are shown on contract drawing PLATE # 2. All work shall be performed in accordance with Section 33 40 01 - "Storm Drainage Utilities". Unit of measurement shall be Each (EA). Units and locations will be specified on the task order.	5	EA		0
A731	<b>Up-rise Drainage Grate</b>	The Contractor shall perform the uprising of drainage grate. The work includes performing removal of frame and grate, bricks placement, reinstallation of frame and grate, removal of excess material and grading, all as necessary to up-rise drainage grate at the finished grades and elevations indicated. Typical details are shown on contract drawing PLATE # 6. All work shall be performed in accordance with Section 33 40 01 - "Storm Drainage". Unit of measurement shall be Each (EA). Units and locations will be specified on the task order.	5	EA		0
A732	<b>Up-rise Valve or Meter Cover</b>	The Contractor shall perform the uprising of valve/meter cover. The work includes performing removal of frame and cover, bricks placement, reinstallation of frame and cover, removal of excess material and grading, all as necessary to up-rise frame and cover at the finished grades and elevations indicated. All work shall be performed in accordance with Section 33 40 01 - "Storm Drainage Utilities". Unit of measurement shall be Each (EA). Units and locations will be specified on the task order.	5	EA		0

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A733	<b>Aggregate Sub-Base Course for Bituminous Asphalt Pavements</b>	The Contractor shall perform the placement of crushed aggregate sub-base course for the bituminous asphalt pavement. The work includes performing site preparation, scarifying existing sub-grade, placement of ZA-40 aggregate sub-base, grading and compaction, as necessary for the construction of bituminous asphalt pavement. Minimum sub-base thickness for bituminous asphalt pavement shall be 20 cm compacted to 98% modified proctor density. When damage affects the base and sub-base courses, the damaged courses shall be entirely replaced with new material, which shall match the existing. Typical details are shown on contract drawing PLATE #'s 7, 8 & 10. All work shall be performed in accordance with Section 32 11 24 - "Graded Crushed Aggregate Base Course for Flexible Pavement". Unit of measurement shall be cubic meters (CM), as computed by multiplying, in meters, area length by width by depth, (L x W x D). <del>Dimensions will be specified on the task order.</del>	25,000	CM		0
A734	<b>Aggregate Base Course for Bituminous Asphalt Pavements and Concrete Sidewalks</b>	The Contractor shall perform the placement of aggregate base course for bituminous asphalt pavement and concrete sidewalks. The work includes performing site preparation, placement of ZA-25 aggregate base, grading and compaction, as necessary for the construction of the bituminous asphalt pavement and concrete sidewalks. Minimum base thickness for bituminous asphalt pavement shall be 20cm compacted to 100% modified proctor density. Minimum base thickness for concrete sidewalks shall be 10 cm compacted to 98% modified proctor density. When damage affects the base and sub-base courses, the damaged courses shall be entirely replaced with new material. Typical details are shown on contract drawing PLATE #'s 7, 8, 10 & 18. All work shall be performed in accordance with Section 32 11 24 - "Graded Crushed Aggregate Base Course for Flexible Pavement". Unit of measurement shall be cubic meters (CM), as computed by multiplying, in meters, area length by width by depth, (L x W x D). Dimensions will be specified on the task order.	25,000	CM		0
A735	<b>Bituminous Asphalt Pavement Crack Sealing</b>	The Contractor shall perform crack repair in existing asphalt pavements. The work includes site preparation, cleaning and sealing of cracks by application of hot-poured asphalt cement or bitumen sealant. Typical details are shown on contract drawing PLATE # 9. All work shall be performed in accordance with Section 32 12 11 - "Bituminous Surface Treatment" or Section 32 01 22 "Bituminous Rejuvenation: Slurry Seal". Unit of measurement shall be linear meters (LM), as computed by measurement, in meters, area length (L). Work ordered under this ELIN may be in conjunction with work ordered under ELINS # A738 or #A739.	375	LM		0
A736	<b>Bituminous Asphalt Pavement Repair</b>	The Contractor shall perform repair of existing bituminous asphalt pavement. The work includes surface preparation, supply, delivery and placement of 10cm compacted hot bituminous asphalt cement and primer coat. Typical details are shown on contract drawing PLATE #10. All work shall be performed in accordance with Section 32 12 17 - "Hot Mix Bituminous Pavement" and Section 32 12 10 - "Bituminous Tack and Prime Coats". Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width, (L x W).	6,300	SM		0

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A737	<b>Bituminous Asphalt Pavement Overlay</b>	The Contractor shall perform the application of bituminous asphalt pavement overlay to the existing pavement. The work includes surface preparation, supply, delivery, placement of 6 cm compacted hot bituminous asphalt cement D 12 wearing coat and tack coat. Typical details are shown on contract drawing PLATE # 11. All work shall be performed in accordance with Sections 32 12 17 - "Hot Mix Bituminous Pavement" and Section 32 12 10 - "Bituminous Tack and Prime Coats". Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width, (L x W). Work ordered under this ELIN may be in conjunction with work ordered under ELIN's # A707	100,000	SM		0
A738	<b>Bituminous Asphalt Pavement Slurry Seal</b>	The Contractor shall perform the application of slurry seal on existing pavement. The work includes all labor, materials, equipment, supervision and transportation required to perform the application of asphalt slurry seal to existing asphalt pavement. The work includes surface preparation, and application of asphalt slurry seal. Typical details are shown on contract drawing PLATE # 17. All work shall be performed in accordance with Sections 32 12 17 -"Bituminous Hot Mix Pavement" and 32 01 22 -"Bituminous Rejuvenation: Slurry Seal". Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width, (L x W). Dimensions will be specified on the task order. Work ordered under this ELIN may be in conjunction with work ordered under ELINS # A735 and/or #A736.	1,500	SM		0
A739	<b>Bituminous Asphalt Pavement Surface Treatment</b>	The Contractor shall perform treatment on the bituminous asphalt pavement. The work includes all labor, materials, equipment, supervision and transportation required to perform the application of bituminous surface treatment. The work includes surface preparation and application of bituminous surface treatment. Typical details are shown on contract drawing PLATE # 17. All work shall be performed in accordance with Sections 32 12 17 Hot Mix Bituminous Pavement & Section 32 12 11-"Bituminous Surface Treatment". Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width, (L x W). Dimensions will be specified on the task order. Work ordered under this ELIN may be in conjunction with work ordered under ELINS # A735 and/or #A736.	15,300	SM		0
A740	<b>New Bituminous Asphalt Pavement</b>	The Contractor shall perform the application of new bituminous asphalt pavement. The work includes surface preparation, supply, delivery, placement of a 6 cm compacted bituminous asphalt pavement S 20 binder course, primer coat, 4 cm compacted bituminous asphalt pavement D 12 wearing course, and tack coat. Typical details are shown on contract drawing PLATE #'s 7 & 8. All work shall be performed in accordance with Section 32 12 17 - "Hot Mix Bituminous Pavement". Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length, by width, (L x W). Dimensions will be specified on the task order. Work ordered under this ELIN may be in conjunction with work ordered under ELIN's #A700, A708,& A734.	20,300	SM		0
A741	<b>Obliteration of Existing Bituminous Asphalt Pavement Road Markings</b>	The Contractor shall perform the obliteration of existing road markings. All work shall be performed in accordance with Section 32 17 23.00 20-"Pavement Markings". Unit of measurement shall be square meters (SM) of painted area, as computed by multiplying, in meters, area length, by width, (L x W). Dimensions and locations will be specified on the task order.	850	SM		0

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A742	<b>Paint Solid Pavement Lines</b>	The Contractor shall perform the painting of solid pavement lines. The work includes surface preparation and painting of 10 cm wide solid pavement lines. Application of this ELIN will be used for pavement lateral lines, parking stall and diagonal no-parking lines. All work shall be performed in accordance with Section 32 17 23.00 20 -"Pavement Markings". Unit of measurement shall be linear meters (LM) of painted area. Paint colors, dimensions and locations will be specified on the task order.	1,700	LM		0
A743	<b>Paint Reflective Solid Pavement Lines</b>	The Contractor shall perform the painting of solid reflective pavement lines. The work includes surface preparation and painting of 10 cm (4 inch) wide solid pavement lines. Application of this ELIN will be used for pavement center and lateral lines only. All work shall be performed in accordance with Section 32 17 23.00 20 -"Pavement Markings". Unit of measurement shall be linear meters (LM) of painted area. Paint colors, dimensions and locations will be specified on the task order.	1,300	LM		0
A744	<b>Paint Center Pavement Lines</b>	The Contractor shall perform the painting of center pavement lines. The work includes surface preparation and painting of 10 cm wide center pavement lines. Application of this ELIN will be used for pavement lateral lines, parking stall and diagonal no-parking lines. All work shall be performed in accordance with Section 32 17 23.00 20 -"Pavement Markings". Unit of measurement shall be linear meters (LM) of painted area. Paint colors, dimensions and locations will be specified on the task order.	1,300	LM		0
A745	<b>Paint Reflective Center Pavement Lines</b>	The Contractor shall perform the painting of center reflective pavement lines. The work includes surface preparation and painting of 10 cm (4 inch) wide reflective center pavement lines. Application of this ELIN will be used for pavement center and lateral lines only. All work shall be performed in accordance with Section 32 17 23.00 20 -"Pavement Markings". Unit of measurement shall be linear meters (LM) of painted area. Paint colors, dimensions and locations will be specified on the task order.	250	LM		0
A746	<b>Paint Concrete Wheel Stops and Curbs</b>	The Contractor shall perform the painting of existing concrete wheel stops and pavement curbs. The work includes surface preparation and painting of all designated exposed surfaces. All work shall be performed in accordance with Section 32 17 23.00 20 -"Pavement Markings". Unit of measurement shall be square meters (SM) of painted area, as computed by multiplying actual dimensions of paint length, by width, (L x W). Paint colors, dimensions and locations will be specified on the task order.	250	SM		0
A747	<b>Paint Pedestrian Crosswalk Markings</b>	The Contractor shall perform the painting of pedestrian crosswalk markings. The work includes surface preparation and painting. Typical details are shown on contract drawing PLATE # 14. All work shall be performed in accordance with Section 32 17 23.00 20 -"Pavement Markings". Unit of measurement shall be square meters (SM) of actual painted area, as computed by multiplying actual dimensions of paint length, by width, (L x W). Paint colors and locations will be specified on the task order.	200	SM		0

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A748	<b>Paint Reflective Pedestrian Crosswalk Markings</b>	The Contractor shall perform the painting of reflective pedestrian crosswalk markings. The work includes surface preparation and painting. Typical details are shown on contract drawing PLATE # 14. All work shall be performed in accordance with Section 32 17 23.00 20 -"Pavement Markings". Unit of measurement shall be square meters (SM) of actual painted area, as computed by multiplying actual dimensions of paint length, by width, (L x W). Paint colors and locations will be specified on the task order.	200	SM		0
A749	<b>Paint Stop Markings</b>	The Contractor shall perform the painting of stop markings. The work includes surface preparation and painting. Typical details are shown on contract drawing PLATE # 14. All work shall be performed in accordance with Section 32 17 23.00 20 -"Pavement Markings". Unit of measurement shall be square meters (SM) of actual painted area, as computed by multiplying actual dimensions of paint length, by width, (L x W). Paint colors and locations will be specified on the task order.	40	SM		0
A750	<b>Paint Reflective Stop Markings</b>	The Contractor shall perform the painting of reflective stop markings. The work includes surface preparation and painting. Typical details are shown on contract drawing PLATE # 14. All work shall be performed in accordance with Section 32 17 23.00 20 -"Pavement Markings". Unit of measurement shall be square meters (SM) of actual painted area, as computed by multiplying actual dimensions of paint length, by width, (L x W). Paint colors and locations will be specified on the task order.	40	SM		0
A751	<b>Paint Yield Markings</b>	The Contractor shall perform the painting of yield markings. The work includes surface preparation and painting. Typical details are shown on contract drawing PLATE # 15. All work shall be performed in accordance with Section 32 17 23.00 20 -"Pavement Markings". Unit of measurement shall be Each (EA). Paint colors and locations will be specified on the task order.	13	EA		0
A752	<b>Paint Reflective Yield Markings</b>	The Contractor shall perform the painting of yield markings. The work includes surface preparation and painting. Typical details are shown on contract drawing PLATE # 15. All work shall be performed in accordance with Section 32 17 23.00 20 -"Pavement Markings". Unit of measurement shall be Each (EA). Paint colors and locations will be specified on the task order.	13	EA		0
A753	<b>Paint Direction Arrows Markings</b>	The Contractor shall perform the painting of directional arrow markings. The work includes surface preparation and painting. Typical details are shown on contract drawing PLATE # 15. All work shall be performed in accordance with Section 32 17 23.00 20 -"Pavement Markings". Unit of measurement shall be EA (EA). Paint colors and locations will be specified on the task order. Unit of measurement shall be Each (EA). Paint colors and locations will be specified on the task order.	25	EA		0
A754	<b>Paint Reflective Direction Arrows Markings</b>	The Contractor shall perform the painting of reflective directional arrow markings. The work includes surface preparation and painting. Typical details are shown on contract drawing PLATE # 15. All work shall be performed in accordance with Section 32 17 23.00 20 -"Pavement Markings". Unit of measurement shall be Each (EA). Paint colors and locations will be specified on the task order.	13	EA		0

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A755	<b>Paint Special Markings</b>	The Contractor shall perform the painting of special pavement markings, such as but not limited to, handicap parking symbols and "NO PARKING" letters. The work includes surface preparation and painting. Typical details are shown on contract drawing PLATE # 14. All work shall be performed in accordance with Section 32 17 23.00 20 -"Pavement Markings". Unit of measurement shall be square meters (SM) of actual painted area, as computed by multiplying actual dimensions of paint area length, by width, (L x W). Paint colors and locations will be specified on the task order.	25	SM		0
A756	<b>Pavement Traffic Road Reflectors</b>	The Contractor shall perform the installation of pavement traffic reflectors. The work includes supply, delivery, surface preparation and installation. All work shall be performed in accordance with Section 32 17 23.00 20 -"Pavement Markings". Unit of measurement shall be Each (EA). Reflector colors and locations will be specified on the task order.	25	EA		0
A757	<b>Pavement Striping</b>	The Contractor shall perform the re-striping of existing striped roads and to stripe newly paved or otherwise un-striped roads, in accordance with the Spanish law and PG-3. The work shall include all types of solid and reflective striping and pavement marking of all types, including but not limited to: obliteration of existing road markings, solid and broken striping center and lateral striping, pavement traffic reflectors, all pavement edge markings, turning radius markings, pedestrian crosswalk markings, directional arrows, stop or yield pavement markings, and any special markings required. Typical details are shown on contract drawing PLATE #S 14, & 15. All work shall be performed in accordance with Section 32 17 23.00 20 -"Pavement Markings". Unit of measurement shall be kilometer (KM) of painted area. Paint colors, dimensions and locations will be specified on the task order.	35	KM		0
A758	<b>Parking Lot Striping</b>	The Contractor shall perform the re-striping of existing striped parking lots same as existing and to stripe newly paved or otherwise un-striped parking areas. The work shall include all types of solid and reflective striping and pavement marking of all types, including but not limited to: obliteration of existing markings, solid and broken striping, pavement traffic reflectors, all pavement edge makings, turning radius markings, pedestrian crosswalk markings, directional arrows, stop or yield pavement markings, any special markings required, and concrete wheel stops and curbs. Typical details are shown on contract drawing PLATE #'S 14, & 15. All work shall be performed in accordance with Section 32 17 23.00 20-"Pavement Markings". Unit of measurement shall be square meter (SM) of painted area. Paint colors, dimensions and locations will be specified on the task order.	37,500	SM		0
A759	<b>Reinforced Sidewalks Construction</b>	The Contractor shall perform the construction of 10 cm thick reinforced concrete sidewalks. The work includes site preparation, construction and installation of forms, placement of WWF steel, concrete placement, installation of vapor barrier, installation of expansion joints and control joints, and finish. Typical details are shown on contract drawing PLATE #18. All work shall be performed in accordance with Section 03 33 00-"Cast-In-Place Architectural Concrete". Unit of measurement shall be square meter (SM), as computed by multiplying, in meters, area length, by width, (L x W). Dimensions will be specified on the task order. Work ordered under this ELIN may be in conjunction with work ordered under ELINS # A712 and #A734.	1,500	SM		0

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A760	<b>Concrete Wheel Stops</b>	The Contractor shall provide and install concrete wheel stops. The work includes fabrication and installation of concrete wheel stops. Typical wheel stop construction detail is shown on contract drawing PLATE # 16. All work shall be performed in accordance with Section 03 33 00 -“Cast-In-Place Architectural Concrete”. Unit of measurement shall be each (EA). Units and locations will be specified on the task order.	50	EA		0
A761	<b>Clean Culverts</b>	The Contractor shall clean culverts. The work includes removing dirt, debris and foreign matter that obstructs the interior of the culvert pipe. All work shall be performed in accordance with section 01 57 19.00 20 -“Temporary Environmental Controls”. Unit of measurement shall be linear meters (LM). Units and locations will be specified on the task order.	100	LM		0
A762	<b>Clean Storm Drainage Channels</b>	The Contractor shall clean storm drainage channels. The work includes removing dirt, debris and foreign matter that obstructs the drainage channel. All work shall be performed in accordance with section 01 57 19.00 20 -“Temporary Environmental Controls”. Unit of measurement shall be linear meters (LM). Units and locations will be specified on the task order.	2,500	LM		0
A763	<b>Install Pre-Cast Concrete Curbs</b>	The Contractor shall provide and install pre-cast concrete curbs. The work includes excavation, lean concrete and placement of pre-cast concrete curbs. Typical detail of pre-cast concrete curb installation is shown on contract drawing PLATE # 17. All work shall be performed in accordance with Section 03 33 00-“Cast-in-Place Architectural Concrete”. Unit of measurement shall be linear meters (LM). Units and locations will be specified on the task order.	100	LM		0
A764	<b>Replace Frame and Cover on Existing Utilities</b>	The Contractor shall replace frame and cover on existing utilities. The work includes removal and disposal of old frame and cover, and providing and installation of new frame and cover to new grade. All work shall be performed in accordance with Section 05 50 00 -“Metal Miscellaneous and Fabrications”. Unit of measurement shall be each (EA).	10	EA		0
A765	<b>Install Guard Posts</b>	The Contractor shall install guard posts. The work includes site preparation, providing steel pipe, internal armoring and anchorage of post with concrete solidly and paint stripes. Typical guard post installation detail is shown on contract drawing PLATE # 16. All work shall be performed in accordance with Sections 05 50 00 -“Metal Miscellaneous and Fabrications” and 03 33 00 -“Cast-in-Place Architectural Concrete”. Unit of measurement shall be each (EA).	25	EA		0
A766	<b>Topographical Surveying</b>	The Contractor shall perform topographical surveying at the job site in the area indicated. The work includes establishing benchmark of elevations and stake out the new grade spots elevation. The survey shall be made with elevations data, mean sea level at Alicante for maintenance and repair works. Should the works are for new construction, the survey shall be made with elevations data, mean sea level at Alicante and U.T.M coordinates which will be provided by the Government. All survey data shall be produced and submitted on AUTOCAD software, latest version. The Contractor shall submit all survey data to the Contracting Officer for approval. Submit all CAD files for the final drawings on CD ROM disks. Scan all files submitted for viruses using the latest version of a commercial scanning program. Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length, by width, (L x W).	25,300	SM		0

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A767	<b>Site Plan Layout</b>	The Contractor shall perform and provide detailed drawings for exact sizes, exact numbers and detailed positioning of items and final as-built drawings that shall clearly depict the technical design of the facility. Drawings shall be in sufficient detail to show compliance with the contract requirements. All work shall be performed in accordance with Computer Aided Design and Drafting Policy. Drawings shall meet the applicable drawing standards specified in the Guide for Architect Engineer Firms available on the website for Atlantic Division, Naval Facilities Engineering Command. All drawings submitted for review shall be in D size, 24 inch x 36 inch, approximately 61 cm x 91 cm. Other drawing size may be used, if approved by the Contracting Officer. Use Naval Station Rota, Public Works Department Title Block. Unit of measurement shall be each (EA).	10	EA		0
A768	<b>Emergency Repairs Asphalt Pot Holes</b>	The Contractor shall perform emergency repairs to asphalt potholes within the limits threshold of 1sm per hole. Emergency repairs shall be responded within 4 hours of the Government notification during Government regular working hours. If the emergency repair exceed the threshold the Contractor shall provide a Cost Proposal. The work includes removal of all loose debris, broken pieces of pavement and dust. Fill pothole with ready-to-use bituminous polymer modified cold asphalt and spread with rake or shovel and compact cold asphalt with manual roller or tamper to just over the level of the existing pavement. Thickness and application in layers of the bituminous cold asphalt shall be done as recommended by the manufacturer. Cold asphalt patching material shall comply with "Cold Asphalt Specifications"	10	EA		0
A800	<b>Removal of Corrugated and Pre-Formed Metal Sheet Roofing.</b>	The Contractor shall perform the removal of existing corrugated and pre-formed metal sheet roofing. All rubbish, debris and loose material resulting from removal of corrugated and pre-formed metal sheet roofing shall be removed from the limits of the Naval Station daily. All work shall be performed in accordance with Sections 01 57 19.00 20 & 02 41 00 Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	400	SM		0
A801	<b>Removal of Corrugated and Pre-Formed Metal Roofing Ridge.</b>	The Contractor shall perform the removal of existing corrugated and pre-formed metal roofing ridge. All rubbish, debris and loose material resulting from removal of corrugated and pre-formed metal roofing ridge shall be removed from limits of the Naval Station daily. All work shall be performed in accordance with Sections 01 57 19.00 20 & 02 41 00 Unit of measurement shall be linear meters (LM) of removed roof ridge. Dimensions and locations will be specified on the task order.	60	LM		0

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A802	<b>Removal of Corrugated Cement-Asbestos Sheet Roofing.</b>	The Contractor shall perform the removal of existing cement-asbestos sheet roofing. All rubbish, debris and loose material resulting from removal of cement-asbestos sheet roofing shall be removed from limits of the Naval Station daily. All work shall be performed in accordance with Sections 01 57 19.00 20, 02 41 00 & 02 82 14.00 10 Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	1,000	SM		0
A803	<b>Removal of Corrugated Plastic Sheet Roofing.</b>	The Contractor shall perform the removal of existing corrugated plastic sheet roofing. All rubbish, debris and loose material resulting from removal of corrugated plastic sheet roofing shall be removed from limits of the Naval Station daily. All work shall be performed in accordance with Sections 01 57 19.00 20 & 02 41 00 Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	100	SM		0
A804	<b>Removal of Gravel Surfaced Bituminous Built-Up Roofing.</b>	The Contractor shall perform the removal of existing gravel surfaced bituminous built-up roofing. Work includes removal of existing loose gravel. All debris and loose material resulting from removal of gravel surfaced bituminous built-up roofing shall be removed from limits of the Naval Station daily. All work shall be performed in accordance with Sections 01 57 19.00 20 & 02 41 00 Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	250	SM		0
A805	<b>Removal of Polymeric Asphalt Sheet Roofing.</b>	The Contractor shall perform the removal of existing polymeric asphalt sheet roofing. All debris and loose material resulting from removal of polymeric asphalt sheet roofing shall be removed from limits of the Naval Station daily. All work shall be performed in accordance with Sections 01 57 19.00 20 & 02 41 00 Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	2,000	SM		0

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A806	<b>Removal of Inverted Insulated Roofing.</b>	The Contractor shall perform the removal of existing inverted insulated roofing. Includes removal of existing loose gravel ballast, insulation and all polymeric asphalt sheet roofing membranes, where applicable. All debris and loose material resulting from removal of inverted insulated roofing shall be removed from limits of the Naval Station daily. All work shall be performed in accordance with Sections 01 57 19.00 20 & 02 41 00  Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	600	SM		0
A807	<b>Removal of Loose Gravel Ballast.</b>	The Contractor shall perform the removal of existing loose gravel ballast from gravel surfaced bituminous built-up and inverted insulated roofing. All debris and loose material resulting from removal of loose gravel ballast shall be removed from limits of the Naval Station daily. All work shall be performed in accordance with Sections 01 57 19.00 20 & 02 41 00  Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	200	SM		0
A808	<b>Removal of Curved Arabic Tile Roofing.</b>	The Contractor shall perform the removal of existing curved Arabic tile roofing. All debris and loose material resulting from the removal of the curved Arabic tile roofing shall be removed from limits of the Naval Station daily. All work shall be performed in accordance with Sections 01 57 19.00 20 & 02 41 00  Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	200	SM		0
A809	<b>Removal of Rain Gutters and Down Spouts.</b>	The Contractor shall perform the removal of existing roof gutters and down spouts. Work includes removal of all gutter and/or down spout hangers and fasteners. All debris and loose material resulting from removal of gutters and down spouts shall be removed from limits of the Naval Station daily. All work shall be performed in accordance with Sections 01 57 19.00 20 & 02 41 00  Unit of measurement shall be linear meters (LM) of removed roof gutters and/or down spouts. Dimensions and locations will be specified on the task order.	400	LM		0

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A810	<b>Removal of Polyurethane Foam Roof.</b>	<p>The Contractor shall perform the removal of existing polyurethane foam roof. All debris and loose material resulting from the removal of existing polyurethane foam roof shall be removed from limits of the Naval Station daily. All work shall be performed in accordance with Sections 01 57 19.00 20 &amp; 02 41 00</p> <p>Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.</p>	1,000	SM		0
A811	<b>Installation of Corrugated Metal Sheet Roofing.</b>	<p>The Contractor shall perform the installation of corrugated metal sheet roofing. The work includes surface preparation, supply, delivery and installation of corrugated metal sheet roof, all as necessary so as to provide for a complete and functional roofing system. Where applicable, installed corrugated metal sheet roofing shall match existing and adjacent roofing in shape, size and profile. Typical details are shown on contract drawing PLATES #'s 1, 3 &amp; 11. All work shall be performed in accordance with Section 07 41 13 .</p> <p>Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.</p>	1,000	SM		0
A812	<b>Installation of Corrugated Sandwich Metal Sheet Roofing.</b>	<p>The Contractor shall perform the installation of corrugated sandwich metal sheet roofing. The work includes surface preparation, supply, delivery and installation of corrugated sandwich metal sheet roof, all as necessary so as to provide for a complete and functional roofing system. Where applicable, installed corrugated sandwich metal sheet roofing shall match existing and adjacent roofing in shape, size and profile. All work shall be performed in accordance with Section 07 41 13.</p> <p>Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.</p>	1,000	SM		0
A813	<b>Installation of Corrugated Metal Sheet Roofing Ridge.</b>	<p>The Contractor shall perform the installation of corrugated metal sheet roofing ridge. The work includes surface preparation, supply, task and installation of corrugated metal sheet roof ridge, all as necessary so as to provide for a complete and functional roofing system. Where applicable, installed corrugated metal sheet roofing ridge shall match existing and adjacent roofing ridge in shape, size and profile. Typical details are shown on contract drawing PLATES #'s 1, 3 &amp; 11. All work shall be performed in accordance with Section 07 41 13.</p> <p>Unit of measurement shall be linear meters (LM) of installed corrugated metal sheet roofing ridge. Dimensions and locations will be specified on the task order.</p>	30	LM		0

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A814	<b>Installation of Pre-Formed Metal Sheet Roofing.</b>	<p>The Contractor shall perform the installation of pre-formed metal sheet roofing. The work includes surface preparation, supply, delivery and installation of pre-formed metal sheet roof, all as necessary so as to provide for a complete and functional roofing system. Where applicable, installed pre-formed metal sheet roofing shall match existing and adjacent roofing in shape, size and profile. Typical details are shown on contract drawing PLATES #'s 1, 3 &amp; 11. All work shall be performed in accordance with Section 07 41 13.</p> <p>Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.</p>	200	SM		0
A815	<b>Installation of Pre-Formed Metal Sheet Roofing Ridge.</b>	<p>The Contractor shall perform the installation of pre-formed metal sheet roofing ridge. The work includes surface preparation, supply, task and installation of pre-formed metal sheet roof ridge, all as necessary so as to provide for a complete and functional roofing system. Where applicable, installed pre-formed metal sheet roofing ridge shall match existing and adjacent roofing ridge in shape, size and profile. Typical details are shown on contract drawing PLATES #'s 1, 3 &amp; 11. All work shall be performed in accordance with Section 07 41 13.</p> <p>Unit of measurement shall be linear meters (LM) of installed pre-formed metal sheet roofing ridge. Dimensions and locations will be specified on the task order.</p>	30	LM		0
A816	<b>Installation of Pre-Formed Sandwich Metal Sheet Roofing.</b>	<p>The Contractor shall perform the installation of pre-formed sandwich metal sheet roofing. The work includes surface preparation, supply, delivery and installation of pre-formed sandwich metal sheet roof, all as necessary so as to provide for a complete and functional roofing system. Where applicable, installed pre-formed sandwich metal sheet roofing shall match existing and adjacent roofing in shape, size and profile. All work shall be performed in accordance with Section 07 41 13.</p> <p>Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.</p>	200	SM		0
A817	<b>Re-Sealing of Pre-Formed and Corrugated Metal Sheet Roofing Joints and Overlaps.</b>	<p>The Contractor shall perform the re-sealing of pre-formed and corrugated metal sheet roofing joints and overlaps with a silicone-rubber base mastic caulking. Existing joint and/or overlap caulking shall be completely removed and the surface area to receive new caulking shall be thoroughly cleaned and prepared. Typical details are shown on contract drawing PLATES #'s 1, 3 &amp; 11. All work shall be performed in accordance with Sections 07 41 13 &amp; 07 92 00.</p> <p>Unit of measurement shall be linear meters (LM) of re-sealed pre-formed and/or corrugated metal sheet roofing joints and/or overlaps. Dimensions and locations will be specified on the task order.</p>	200	LM		0

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A818	<b>Re-Sealing of Pre-Formed and Corrugated Metal Sheet Roofing Fasteners.</b>	The Contractor shall perform the re-sealing of pre-formed and corrugated metal sheet roofing fasteners with a silicone-rubber base mastic caulking. Existing fasteners caulking shall be completely removed and the surface area to receive new caulking shall be thoroughly cleaned and prepared. Typical details are shown on contract drawing PLATES #'s 1, 3 & 11. All work shall be performed in accordance with Sections 07 41 13 & 07 92 00. Unit of measurement shall be each (EA) re-sealed pre-formed and/or corrugated metal sheet roofing fastener. Quantities and locations will be specified on the task order.	200	EA		0
A819	<b>Waterproofing of union between Pre-Formed and Corrugated Metal Sheet Roofing and Vertical walls.</b>	The Contractor shall perform the waterproofing of the union between pre-formed and corrugated metal sheet roofing with vertical surfaces by means of Styrene Butadiene Styrene (SBS) modified membrane. Where applicable, existing aluminum finished polymeric asphalt sheets or Styrene Butadiene Styrene (SBS) modified membrane shall be removed and the surface area to receive new Butadiene Styrene (SBS) modified membrane shall be thoroughly cleaned and prepared. Typical details are shown on contract drawing PLATES #'s 1, 3 & 11. All work shall be performed in accordance with Section 07 52 00 and 07 41 13. Unit of measurement shall be linear meters (LM) of installed polymeric asphalt sheet roofing at vertical junctions. Dimensions and locations will be specified on the task order.	50	LM		0
A820	<b>Installation of Corrugated Plastic Sheet Roofing.</b>	The Contractor shall perform the installation of corrugated plastic sheet roofing. The work , including surface preparation, supply, delivery and installation of corrugated plastic sheet roof, all as necessary so as to provide for a complete and functional roofing system. Where applicable, installed corrugated plastic sheet roofing shall match existing and adjacent roofing in shape, size, color and profile. Typical details are shown on contract drawing PLATE # 1, 3 & 11. All work shall be performed in accordance with Section 07 54 19. Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	100	SM		0
A821	<b>Installation of Corrugated Plastic Sheet Roofing Ridges.</b>	The Contractor shall perform the installation of corrugated plastic sheet roofing ridges. The work includes surface preparation, supply and installation of corrugated plastic sheet roofing ridges, all as necessary so as to provide for a complete and functional roofing system. Where applicable, installed corrugated plastic sheet roofing ridges shall match existing and adjacent roofing ridges in shape, size, color and profile. Typical details are shown on contract drawing PLATES #'s 1, 3 & 11. All work shall be performed in accordance with Section 07 54 19. Unit of measurement shall be linear meters (LM) installed corrugated plastic sheet roofing ridges. Dimensions and locations will be specified on the task order.	100	LM		0

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A822	<b>Re-Sealing of Corrugated Plastic Sheet Roofing Joints and Overlaps.</b>	The Contractor shall perform the re-sealing of corrugated plastic sheet roofing joints and overlaps with a silicone-rubber base mastic caulking. Existing joint and/or overlap caulking shall be completely removed and the surface area to receive new caulking shall be thoroughly cleaned and prepared. Typical details are shown on contract drawing PLATES #'s 1, 3 & 11. All work shall be performed in accordance with Sections 07 54 19 & 07 92 00. Unit of measurement shall be linear meters (LM) of re-sealed corrugated plastic sheet roofing joints and/or overlaps. Dimensions and locations will be specified on the task order	200	LM		0
A823	<b>Re-Sealing of Corrugated Plastic Sheet Roofing Fasteners.</b>	The Contractor shall perform the re-sealing of corrugated plastic sheet roofing fasteners with a silicone-rubber base mastic caulking. Existing fasteners caulking shall be completely removed and the surface area to receive new caulking shall be thoroughly cleaned and prepared. Typical details are shown on contract drawing PLATES #'s 1, 3 & 11. All work shall be performed in accordance with Sections 07 54 19 & 07 92 00. Unit of measurement shall be each (EA) re-sealed corrugated plastic sheet roofing fastener. Quantities and locations will be specified on the task order.	200	EA		0
A824	<b>Waterproofing of union between Corrugated plastic Sheet Roofing and Vertical walls.</b>	The Contractor shall perform the waterproofing of the union between corrugated plastic sheet roofing with vertical surfaces by means of Styrene Butadiene Styrene (SBS) modified membrane. Where applicable, existing aluminum finished polymeric asphalt sheets or Styrene Butadiene Styrene (SBS) modified membrane shall be removed and the surface area to receive new Butadiene Styrene (SBS) modified membrane shall be thoroughly cleaned and prepared. Typical details are shown on contract drawing PLATES #'s 1, 3 & 11. All work shall be performed in accordance with Sections 07 52 00 and 07 54 19. Unit of measurement shall be linear meters (LM) of installed polymeric asphalt sheet roofing at vertical junctions. Dimensions and locations will be specified on the task order.	100	LM		0
A825	<b>Installation of Styrene Butadiene Styrene (SBS) Modified Bituminous membrane roofing on Existing "Sevillana" Tile Roofs.</b>	The Contractor shall perform the installation of Styrene Butadiene Styrene (SBS) Modified Bituminous membrane roofing on existing "Sevillana" roofing. The work includes surface preparation, supply, delivery and installation of Styrene Butadiene Styrene (SBS) Modified Bituminous membrane roofing on existing "Sevillana" tile roofing, all as necessary so as to provide for a complete and functional roofing system. Installation of crickets at junction of deck and vertical surfaces shall be ordered separately under ELIN A807. Typical details are shown on contract drawing PLATES #'s 4, 8, 9, 12, 14, 15 & 16. All work shall be performed in accordance with Section 07 52 00. Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Dimensions and locations will be specified on the task order.	200	SM		0

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A826	<b>Installation of Styrene Butadiene Styrene (SBS) Modified Bituminous membrane Roofing on Concrete Roof Decks.</b>	<p>The Contractor shall perform the installation of styrene butadiene styrene (SBS) modified bituminous membrane roofing on concrete roof decks. The work includes surface preparation, supply, delivery and installation of Styrene Butadiene Styrene (SBS) modified bituminous membrane roofing on concrete roof decks, all as necessary so as to provide for a complete and functional roofing system. Installation of crickets at junction of deck and vertical surfaces shall be ordered separately under ELIN A807. Typical details are shown on contract drawing PLATES #'s 4, 8, 9, 12, 14, 15 &amp; 16. All work shall be performed in accordance with Section 07 52 00.</p> <p>Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Dimensions and locations will be specified on the task order.</p>	10,000	SM		0
A827	<b>Installation of Insulated Concrete Roofing Systems.</b>	<p>The Contractor shall perform the installation of insulated concrete roofing systems. Work includes installation of insulation, sloped cellular concrete and Styrene Butadiene Styrene (SBS) modified bituminous membrane plies, all as necessary so as to provide for a complete and functional roofing system. Averaged thickness of cellular concrete shall not exceed 10 cm. Typical details are shown on contract drawing PLATES #'s 4, 8, 9, 12, 13, 14, 15 &amp; 16. All work shall be performed in accordance with Sections 03 52 00 and 07 52 00.</p> <p>Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.</p>	500	SM		0
A828	<b>Installation of Curved Arabic Tile Roofing.</b>	<p>The Contractor shall perform the installation of curved Arabic tile roofing. The work includes surface preparation, supply, delivery and installation of curved Arabic tile roofing, all as necessary so as to provide for a complete and functional roofing system. Where applicable, installed curved Arabic tile roofing shall match existing and adjacent roofing in shape, size, color and profile. Typical details are shown on contract drawing PLATES #'s 5, 6 &amp; 7. All work shall be performed in accordance with Section 07 32 13.</p> <p>Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.</p>	200	SM		0
A829	<b>Installation of Curved Arabic Tile Roofing Ridges</b>	<p>The Contractor shall perform the installation of curved Arabic tile roofing ridges. The work includes surface preparation, supply, task and installation of curved Arabic tile roofing ridges, all as necessary so as to provide for a complete and functional roofing system. Where applicable, installed curved Arabic tile roofing ridges shall match existing and adjacent roofing ridge in shape, size, color and profile. Typical details are shown on contract drawing PLATES #'s 5, 6 &amp; 7. All work shall be performed in accordance with Section 07 32 13.</p> <p>Unit of measurement shall be linear meters (LM) installed curved Arabic tile roofing ridges. Dimensions and locations will be specified on the task order.</p>	50	LM		0

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A830	<b>Rubber Paint over exiting Curved Arabic Tile Roofing.</b>	The Contractor shall perform the painting over the existing curved Arabic tile roofing. The work includes surface preparation, supply, delivery and clear rubber painting of curved Arabic tile roofing, all as necessary so as to provide for a complete and functional roofing system. All work shall be performed in accordance with Section 09 90 00. Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	7,500	SM		0
A831	<b>Installation of Sheet Metal Flashing on Aluminum Finished Polymeric (or SBS) Asphalt Sheet Roofing.</b>	The Contractor shall perform the installation of sheet metal flashing on aluminum finished polymeric (or SBS) asphalt sheet roofing. Typical details are shown on contract drawing PLATE # 4. All work shall be performed in accordance with Section 07 60 00. Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	50	SM		0
A832	<b>Installation of Sheet Metal Flashing on Parapet Copings.</b>	The Contractor shall perform the installation of sheet metal flashing on parapet copings. Typical details are shown on contract drawing PLATE # 8. All work shall be performed in accordance with Section 07 60 00. Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	100	SM		0
A833	<b>Installation of Sheet Metal Expansion Joint Flashings.</b>	The Contractor shall perform the installation of sheet metal expansion joint Flashings. Typical details are shown on contract drawing PLATE # 9. All work shall be performed in accordance with Section 07 60 00. Unit of measurement shall be linear meters (LM) of installed sheet metal expansion joint Flashings. Dimensions and locations will be specified on the task order.	100	LM		0
A834	<b>Installation of Rain Gutters.</b>	The Contractor shall perform the installation of rain gutters. Work shall include all hangers and fasteners necessary for a complete and functional installation. Typical details are shown on contract drawing PLATE # 11. All work shall be performed in accordance with Section 07 60 00. Unit of measurement shall be linear meters (LM) of installed rain gutters. Dimensions and locations will be specified on the delivery order.	500	LM		0
A835	<b>Installation of Rain Gutters and/or Scupper Down Spouts.</b>	The Contractor shall perform the installation of rain gutters and/or scupper down spouts. Work shall include all hangers and fasteners necessary for a complete and functional installation. Typical details are shown on contract drawing PLATE # 10. All work shall be performed in accordance with Section 07 60 00. Unit of measurement shall be linear meters (LM) of installed rain gutters and/or scupper down spouts. Dimensions and locations will be specified on the task order.	100	LM		0

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A836	<b>Installation of Down Spout Conductor Heads.</b>	The Contractor shall perform the installation of down spout conductor heads. Typical details are shown on contract drawing PLATE # 10. All work shall be performed in accordance with Section 07 60 00. Unit of measurement shall be each (EA) installed down spout heads. Quantities and locations will be specified on the task order.	25	EA		0
A837	<b>Application of Sprayed Polyurethane Foam (PUF) Roof Coating.</b>	The Contractor shall perform the application of sprayed polyurethane (PUF) roof coating on existing pre-formed and/or corrugated metal sheet, asbestos-cement, and curved Arabic red tile roofs. Work includes application of sprayed polyurethane and application of elastomeric roof coating. Typical details are shown on contract drawing PLATE # 2. All work shall be performed in accordance with Section 07 57 13. Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cms. (one foot) and under and all vertical walls over 30.48 cms. (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	1,200	SM		0
A838	<b>Re-application of Elastomeric Roof Coating Over Polyurethane Foam (PUF).</b>	The Contractor shall perform the re-application of elastomeric roof coating over existing polyurethane foam (PUF) roof coating. Work includes removal of insulation which become damaged, overexposed to weather, or contaminated such that they cannot be cleaned and repaired to the satisfaction of the coating applicator, and provide new insulation and re-application of elastomeric roof coating. Typical details are shown on contract drawing PLATE # 2. All work shall be performed in accordance with Section 07 57 13. Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cms. (one foot) and under and all vertical walls over 30.48 cms. (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	8,000	SM		0
A839	<b>Re-paint Existing Polyurethane Foam.</b>	The Contractor shall perform the re-application of elastomeric roof coating over existing polyurethane foam coating. Work includes application of elastomeric roof coating over polyurethane foam. Typical details are shown on contract drawing PLATE # 2. All work shall be performed in accordance with Section 07 57 13. Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	8,000	SM		0

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A840	<b>Installation of Inverted Insulated Roofing Systems.</b>	The Contractor shall perform the installation of inverted insulated roofing systems. Work includes installation of polymeric asphalt sheet roofing plies, polystyrene insulation and loose aggregate ballast, all as necessary so as to provide for a complete and functional roofing system. Typical details are shown on contract drawing PLATE # 13. All work shall be performed in accordance with Section 07 55 00. Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	600	SM		0
A841	<b>Installation of Crickets.</b>	The Contractor shall perform the installation of crickets at junctions of roof deck and vertical surfaces. All work shall be performed in accordance with Sections 03 52 00, 07 55 00 & 07 52 00, as applicable. Unit of measurement shall be linear meters (LM) of installed cricket. Dimensions and locations will be specified on the task order.	100	LM		0
A842	<b>Installation of Expansion Joints.</b>	The Contractor shall perform the installation of neoprene expansion joints at junctions of roof decks and vertical surfaces. Typical details are shown on contract drawing PLATE # 9. All work shall be performed in accordance with Section 07 60 00. Unit of measurement shall be linear meters (LM) of installed expansion joints. Dimensions and locations will be specified on the task order.	200	LM		0
A843	<b>Re-sealing of Expansion Joints.</b>	The Contractor shall perform the re-sealing of expansion joints with a silicone-rubber base mastic caulking. Existing joint caulking shall be completely removed and the surface area to receive new caulking shall be thoroughly cleaned and prepared. Typical details are shown on contract drawing PLATE # 9. All work shall be performed in accordance with Sections 07 60 00 & 07 92 00. Unit of measurement shall be linear meters (LM) of re-sealed expansion joint. Dimensions and locations will be specified on the task order.	320	LM		0
A844	<b>Forming of Slopes With Cellular Concrete.</b>	The Contractor shall perform the forming of slopes on existing concrete roof decks using cellular concrete. Averaged thickness of cellular concrete shall not exceed 10 cm. . Typical details are shown on contract drawing PLATES #'s 8, 9, 12, 13, 14, 15 & 16. All work shall be performed in accordance with Sections 07 55 00 & 07 52 00. Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	1,000	SM		0
A845	<b>Installation of Roof Mounted Duct and Equipment Supports.</b>	The Contractor shall perform the installation of roof mounted duct and equipment supports. Typical details are shown on contract drawing PLATE # 15. All work shall be performed in accordance with Section 07 60 00. Unit of measurement shall be each (EA) installed roof mounted duct and/or equipment supports. Quantities and locations will be specified on the task order.	10	EA		0

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A846	<b>Replacement of Drain Sumps and Strainers.</b>	The Contractor shall perform the replacement of existing drain sumps and strainers. Work , including demolition of existing concrete roof deck, removal of existing drain sump and strainer, installation of new roof drain sumps and strainers and patching of roof deck. Typical details are shown on contract drawing PLATE # 16. All work shall be performed in accordance with Section 07 60 00. Unit of measurement shall be each (EA) replaced roof drain sump and strainer. Quantities and locations will be specified on the task order.	10	EA		0
A847	<b>Replacement of Pre-Cast Concrete Parapet Copings.</b>	The Contractor shall perform the replacement of pre-cast concrete parapet copings. Work includes demolition and removal of existing pre-cast concrete parapet roof copings, installation of new pre-cast concrete parapet copings, patching of parapet walls and repainting to match adjacent surfaces. Typical details are shown on contract drawing PLATES #'s 8 & 13. All work shall be performed in accordance with Section 03 31 01.00 10. Unit of measurement shall be linear meters (LM) of replaced pre-cast concrete parapet copings. Dimensions and locations will be specified on the delivery order. Unit of measurement shall be linear meters (LM) of replaced pre-cast concrete parapet copings. Dimensions and locations will be specified on the task order.	50	LM		0
A848	<b>Installation of Pre-Cast Concrete Down Spout Splash Blocks.</b>	The Contractor shall perform the installation of pre-cast concrete down spout splash blocks. Typical details are shown on contract drawing PLATE # 10 . All work shall be performed in accordance with Section 03 31 01.00 10. Unit of measurement shall be each (EA) installed pre-cast concrete splash block. Quantities and locations will be specified on the task order.	10	EA		0
A849	<b>Installation of Scupper Drains.</b>	The Contractor shall perform the installation of scupper drains in existing roof parapet walls. Typical details are shown on contract drawing PLATE # 16. All work shall be performed in accordance with Section 07 60 00. Unit of measurement shall be each (EA) installed scupper drain. Quantities and locations will be specified on the task order.	10	EA		0
A850	<b>Rubber Paint over Existing Roofing.</b>	The Contractor shall perform the application of rubber paint coating on existing pre-formed and/or corrugated metal sheet, asbestos-cement, concrete, and Ceramic Tiles roofs. Work includes application of rubber paint coating over existing roofing. All work shall be performed in accordance with Section 09 90 00. Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	1,500	SM		0
A851	<b>Emergency repairs for roofing leaks.</b>	The Contractor shall perform emergency repairs on roofing leaks within the limits threshold of 16 hours of labor and \$3,000 of direct material cost. Emergency repairs shall be responded within 4 hours of the Government notification during Government regular working hours. If the emergency repair exceed the threshold contractor shall provide a Cost Proposal. Dimensions and locations will be specified on the task order. Contractor shall protect all the building interior area affected by the roof leak to prevent any damage.	10	EA		0

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A900	<b>Exterior Paint extending from the ground level up to 3.75 LM above ground level.</b>	The Contractor shall prepare the surface and paint in accordance with SECTION 09 90 00 Paints and Coatings, this ELIN includes all the exterior surfaces up to 3.75LM above ground level and comprise all the surfaces included in the paint tables of SECTION 09 90 00. Locations and paint colors will be specified on each the task order or shall match to the existing color. The measurement method is provided in J-1503040-04	10,000	SM		0
A901	<b>Exterior Paint extending from 3.75LM above ground level up to 30LM above ground level.</b>	The Contractor shall prepare the surface and paint in accordance with SECTION 09 90 00 Paints and Coatings, this ELIN includes all the exterior surfaces from 3.75LM above ground level up to 30LM above ground level, and comprise all the surfaces included in the paint tables of SECTION 09 90 00. Locations and paint colors will be specified on each the task order or shall match to the existing color. The measurement method is provided in J-1503040-04.	20,000	SM		0
A902	<b>Interior Paint extending from the floor level up to 3.75LM above ground level.</b>	The Contractor shall prepare the surface and paint in accordance with SECTION 09 90 00 Paints and Coatings, this ELIN includes all the interior surfaces up to 3.75LM above floor level and comprise all the surfaces included in the paint tables of SECTION 09 90 00. Locations and paint colors will be specified on each the task order or shall match to the existing color. The measurement method is provided in J-1503040-04.	15,000	SM		0
A903	<b>Interior Paint extending from 3.75LM above floor level up to 30LM above floor level.</b>	The Contractor shall prepare the surface and paint in accordance with SECTION 09 90 00 Paints and Coatings, this ELIN includes all the interior surfaces up to 3.75LM above floor level and comprise all the surfaces included in the paint tables of SECTION 09 90 00. Locations and paint colors will be specified on each the task order or shall match to the existing color. The measurement method is provided in J-1503040-04.	30,000	SM		0
A1000	<b>Unit Priced Un-Skilled Labor Work (negotiated)</b>	Includes all labor and supervision required to perform miscellaneous unskilled work. Unskilled labor includes, but is not limited to the following types of trades: Laborer, Small Equipment Operator, Helper, etc. Dimensions and locations will be specified on the task order.	600	HR		0
A1001	<b>Miscellaneous Costs (negotiated)</b>	Includes all materials, equipment, and subcontracted effort required to perform miscellaneous work. Costs for materials, equipment, and subcontractor effort, not covered under any UPT, shall be negotiated as required for each task order. Units, dimensions, and locations will be specified on the task order.	1	LOT		0
<b>TOTAL BASE PERIOD IQ</b>						0

EXHIBIT LINE ITEM NUMBERS  
SOLICITATION NO. N33191-15-R-0823

PROVIDE UNIT PRICES FOR INDEFINITE DELIVERY INDEFINITE QUANTITY WORK

ELINs B700 through B1001

First Period - Indefinite Quantity Work

<u>ELIN</u>	<u>SHORT DESCRIPTION</u>	<u>FULL DESCRIPTION</u>	<u>EST QTY</u>	<u>UNIT OF ISSUE</u>	<u>UNIT PRICE (USD)</u>	<u>TOTAL</u>
B700	<b>Demolition and Removal of Bituminous Asphalt Pavement</b>	The Contractor shall perform the demolition and removal of existing bituminous asphalt pavement. The asphalt pavement shall be saw cut, to a minimum depth of 10 cm, extending out 30.5 cm beyond the edge of the aggregate base to be removed. All saw cuts shall be made with vertical straight faces making one pair of faces at right angles to traffic flow. Typical details are shown on contract drawing PLATE # 10. Broken pavement, debris and resulting loose material shall be removed from limits of the station daily. All work shall be performed in accordance with Sections 01 57 19.00 20 - "Temporary Environmental Controls" & 02 41 00 - "Demolition". Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W). Dimensions and locations will be specified on the task order.	10,000	SM		0
B701	<b>Demolition and Removal of Aggregate Base</b>	The Contractor shall perform the demolition and removal of existing aggregate to a minimum depth of 20 cm. Typical details will be provided with each task order. Debris and resulting loose material shall be removed from limits of the station daily. All work shall be performed in accordance with Sections 01 57 19.00 20 - "Temporary Environmental Controls" & 02 41 00 - "Demolition". Unit of measurement shall be cubic meters (CM), as computed by multiplying, in meters, area length by width by depth (L x W x D). Dimensions and locations will be specified on the task order.	25,000	CM		0
B702	<b>Removal and Reinstallation or Disposal of Concrete Wheel Stops</b>	The Contractor shall perform the removal and reinstallation or disposal of existing concrete wheel stops. All work shall be performed in accordance with Sections 01 57 19.00 20 - "Temporary Environmental Controls" & 02 41 00 - "Demolition". Unit of measurement shall be Each (EA). Units and locations will be specified on the task order.	500	EA		0
B703	<b>Demolition and Removal of Concrete Curbs</b>	The Contractor shall perform the demolition and removal of existing pre-cast concrete curbs. All work shall be performed in accordance with Section 01 57 19.00 20 - "Temporary Environmental Controls" & 02 41 00 - "Demolition". Unit of measurement shall be linear meters (LM). Units and locations will be specified on the task order.	125	LM		0
B704	<b>Demolition and Removal of Storm Drainage Headwalls</b>	The Contractor shall perform the demolition and removal of existing storm drainage headwalls. Broken concrete, debris and resulting loose material shall be removed from limits of the station daily. All work shall be performed in accordance with Section 01 57 19.00 20 - "Temporary Environmental Controls" & 02 41 00 - "Demolition". Unit of measurement shall be Each (EA). Units and locations will be specified on the task order.	4	EA		0
B705	<b>Demolition and Removal of Concrete Pipe Culverts</b>	The Contractor shall perform the removal of existing pipe culverts. Old culvert pipe, debris and resulting loose material shall be removed from limits of the station daily. All work shall be performed in accordance with Section 01 57 19.00 20 - "Temporary Environmental Controls" & 02 41 00 - "Demolition". Unit of measurement shall be linear meters (LM). Units and locations will be specified on the task order.	100	LM		0

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B706	<b>Demolition and Removal of Concrete Sidewalks</b>	The Contractor shall perform demolition and removal of existing concrete sidewalks, all as indicated on the contract task order and site plans (as applicable). Where required and indicated, concrete shall be saw cut. Typical details will be provided with each task order. Broken concrete, debris and resulting loose material shall be removed from limits of the station daily. All work shall be performed in accordance with Sections 01 57 19.00 20-“Temporary Environmental Controls” & 02 41 00-“Demolition”.  Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) considering an average depth of 0.1m . Dimensions and locations will be specified on the task order.	1,500	SM		0
B707	<b>Cold Milling of Bituminous Asphalt Pavements</b>	The Contractor shall perform cold milling 6 cm depth on existing bituminous asphalt pavement. All debris and resulting loose milled material shall be removed from limits of the station daily. All work shall be performed in accordance with Sections 32 0116 17 - "Cold Milling". This ELIN# may be ordered in conjunction with work ordered under ELIN's #A735.  Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W). Dimensions and locations will be specified on the task order.	75,000	SM		0
B708	<b>Earthwork for Construction of Bituminous Asphalt Pavements</b>	The Contractor shall perform the general earthwork required for the construction of bituminous asphalt paved roads and parking lots. The work includes performing site preparation, excavation, compaction, removal of excess material and grading, all as necessary to construct bituminous asphalt paved roads, and parking lots at the finished grade and elevations indicated. Typical details are shown on contract drawing PLATE #'s 7 & 8. All work shall be performed in accordance with Section 31 23 00.00 20 - “Excavation and Fill”.  Unit of measurement shall be cubic meters (CM), as computed by multiplying, in meters, area length by width by depth (L x W x D). Dimensions, slopes and finished grade will be specified on the task order.	1,700	CM		0
B709	<b>Earthwork for Storm Sewer Pipe (4 meter max. depth)</b>	The Contractor shall perform the general excavation required for the installation storm drainage pipe. The work includes performing site preparation, excavation, installation of granular pipe bedding, backfill, compacting, removal of excess material and grading, all as necessary to install storm sewer pipe and other related appurtenances at the finished grade and elevations indicated. Maximum depth shall be 4 meter. Typical details are shown on contract drawing PLATE # 1. All work shall be performed in accordance with Section 31 23 00.00 20 - “Excavation and Fill”.  Unit of measurement shall be cubic meters (CM), as computed by multiplying, in meters, length by width by depth (L x W x D). Dimensions, slopes and finished grade will be specified on the task order.	150	CM		0
B710	<b>Earthwork for Storm Sewer Manholes (4 meter max. depth)</b>	The Contractor shall perform the general excavation required for the construction of storm sewer manholes. The work includes performing site preparation, excavation, backfill, compacting, removal of excess material and grading, all as necessary to install storm sewer manholes at the finished grade and elevations indicated. Maximum depth shall be 4 meter. Typical details are shown on contract drawing PLATE # 2. All work shall be performed in accordance with Section 31 23 00.00 20 - “Excavation and Fill”.  Unit of measurement shall be cubic meters (CM), as computed by multiplying, in meters, length by width by depth (L x W x D). Dimensions, slopes and finished grade will be specified on the task order.	60	CM		0

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B711	<b>Earthwork For Storm Drainage Channels/Reshaping (4 meter max. depth)</b>	The Contractor shall perform the general excavation required for the construction of storm drainage channels. The work includes performing site preparation, excavation for new channel and reshaping for old channel, backfill, compaction, installation of organic mat, removal of excess material and grading, all as necessary to construct storm drainage channels at the finished grade and elevations indicated. Typical details are shown on contract drawing PLATE # 3. All work shall be performed in accordance with Section 31 23 00.00 20 - "Excavation and Fill". Unit of measurement shall be cubic meters (CM), as computed by multiplying, in meters, length by width by depth (L x W x D). Dimensions, slopes and finished grade will be specified on the task order.	150	CM		0
B712	<b>Earthwork for Construction of Sidewalks</b>	The Contractor shall perform the general earthwork required for the construction of concrete sidewalks. The work includes performing site preparation, excavation, compaction, and removal of excess material and grading, all as necessary to construct concrete sidewalks at the finished grade and elevations indicated. Typical details are shown on contract drawing PLATE #18. All work shall be performed in accordance with Section 31 00 00 -"Earthwork". Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) considering an average depth of 0.1m . Dimensions and locations will be specified on the task order.	1,500	SM		0
B713	<b>Concrete Storm Sewer Pipe (Ø20 cm)</b>	The Contractor shall perform the installation of 20 cm. diameter concrete storm drainage pipe. The work includes providing granular pipe bedding material, concrete storm drainage pipe, fittings and joints at the finished grade and elevations indicated. Typical details are shown on contract drawing PLATE # 1. All work shall be performed in accordance with Sections 31 23 00.00 20 - "Excavation and Fill" and 33 40 01 - "Storm Drainage". Unit of measurement shall be linear meters (LM). Dimensions, slopes and locations will be specified on the task order	50	LM		0
B714	<b>Concrete Storm Sewer Pipe (Ø30 cm)</b>	The Contractor shall perform the installation of 30 cm. diameter concrete storm drainage pipe. The work includes providing granular pipe bedding material, concrete storm drainage pipe, fittings and joints at the finished grade and elevations indicated. Typical details are shown on contract drawing PLATE # 1. All work shall be performed in accordance with Sections 31 23 00.00 20 - "Excavation and Fill" and 33 40 01 - "Storm Drainage". Unit of measurement shall be linear meters (LM). Dimensions, slopes and locations will be specified on the task order	50	LM		0
B715	<b>Concrete Storm Sewer Pipe (Ø40 cm)</b>	The Contractor perform the installation of 40 cm. diameter concrete storm drainage pipe. The work includes providing granular pipe bedding material, concrete storm drainage pipe, fittings and joints at the finished grade and elevations indicated. Typical details are shown on contract drawing PLATE # 1. All work shall be performed in accordance with Sections 31 23 00.00 20 - "Excavation and Fill" and 33 40 01 - "Storm Drainage". Unit of measurement shall be linear meters (LM). Dimensions, slopes and locations will be specified on the task order	50	LM		0
B716	<b>Concrete Storm Sewer Pipe (Ø50 cm)</b>	The Contractor shall perform the installation of 50 cm. diameter concrete storm drainage pipe. The work includes providing granular pipe bedding material, concrete storm drainage pipe, fittings and joints at the finished grade and elevations indicated. Typical details are shown on contract drawing PLATE # 1. All work shall be performed in accordance with Sections 31 23 00.00 20 - "Excavation and Fill" and 33 40 01 - "Storm Drainage". Unit of measurement shall be linear meters (LM). Dimensions, slopes and locations will be specified on the task order	50	LM		0

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B717	<b>Concrete Storm Sewer Pipe (Ø60 cm)</b>	The Contractor shall perform the installation of 60 cm. diameter concrete storm drainage pipe. The work includes providing granular pipe bedding material, concrete storm drainage pipe, fittings and joints at the finished grade and elevations indicated. Typical details are shown on contract drawing PLATE # 1. All work shall be performed in accordance with Sections 31 23 00.00 20 - "Excavation and Fill" and 33 40 01 - "Storm Drainage". Unit of measurement shall be linear meters (LM). Dimensions, slopes and locations will be specified on the task order.	50	LM		0
B718	<b>PVC Storm Sewer Pipe (Ø12.5 cm)</b>	The Contractor shall perform the installation of 12.5 cm. diameter PVC storm drainage pipe. The work includes providing granular pipe bedding material, PVC storm drainage pipe, fittings and joints at the finished grade and elevations indicated. Typical details are shown on contract drawing PLATE # 3. All work shall be performed in accordance with Sections 31 23 00.00 20 - "Excavation and Fill" and 33 40 01 - "Storm Drainage". Unit of measurement shall be linear meters (LM). Dimensions, slopes and locations will be specified on the task order.	50	LM		0
B719	<b>PVC Storm Sewer Pipe (Ø16 cm)</b>	The Contractor shall perform the installation of 16 cm. diameter PVC storm drainage pipe. The work includes providing granular pipe bedding material, PVC storm drainage pipe, fittings and joints at the finished grade and elevations indicated. Typical details are shown on contract drawing PLATE # 3. All work shall be performed in accordance with Sections 31 23 00.00 20 - "Excavation and Fill" and 33 40 01 - "Storm Drainage". Unit of measurement shall be linear meters (LM). Dimensions, slopes and locations will be specified on the task order.	50	LM		0
B720	<b>PVC Storm Sewer Pipe (20 cm)</b>	The Contractor shall perform the installation of 20 cm. diameter PVC storm drainage pipe. The work includes providing granular pipe bedding material, PVC storm drainage pipe, fittings and joints at the finished grade and elevations indicated. Typical details are shown on contract drawing PLATE # 3. All work shall be performed in accordance with Sections 31 23 00.00 20 - "Excavation and Fill" and 33 40 01 - "Storm Drainage". Unit of measurement shall be linear meters (LM). Dimensions, slopes and locations will be specified on the task order.	50	LM		0
B721	<b>PVC Storm Sewer Pipe (Ø25 cm)</b>	The Contractor shall perform the installation of 25 cm. diameter PVC storm drainage pipe. The work includes providing granular pipe bedding material, PVC storm drainage pipe, fittings and joints at the finished grade and elevations indicated. Typical details are shown on contract drawing PLATE # 1. All work shall be performed in accordance with Sections 31 23 00.00 20 - "Excavation and Fill" and 33 40 01 - "Storm Drainage". Unit of measurement shall be linear meters (LM). Dimensions, slopes and locations will be specified on the task order.	50	LM		0
B722	<b>PVC Storm Sewer Pipe (Ø31.5 cm)</b>	The Contractor shall perform the installation of 31.5 cm. diameter PVC storm drainage pipe. The work includes providing granular pipe bedding material, PVC storm drainage pipe, fittings and joints at the finished grade and elevations indicated. Typical details are shown on contract drawing PLATE # 1. All work shall be performed in accordance with Sections 31 23 00.00 20 - "Excavation and Fill" and 33 40 01 - "Storm Drainage". Unit of measurement shall be linear meters (LM). Dimensions, slopes and locations will be specified on the task order.	50	LM		0
B723	<b>PVC Storm Sewer Pipe (Ø40 cm)</b>	The Contractor shall perform the installation of 40 cm. diameter PVC storm drainage pipe. The work includes providing granular pipe bedding material, PVC storm drainage pipe, fittings and joints at the finished grade and elevations indicated. Typical details are shown on contract drawing PLATE # 1. All work shall be performed in accordance with Sections 31 23 00.00 20 - "Excavation and Fill" and 33 40 01 - "Storm Drainage". Unit of measurement shall be linear meters (LM). Dimensions, slopes and locations will be specified on the task order.	50	LM		0

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B724	<b>Construct Storm Drainage Headwalls</b>	The Contractor shall perform the construction of reinforced concrete headwalls. The work includes performing site preparation, excavation and /or fill, forming, reinforcement, concrete placement, backfill, compaction, removal of excess material and grading, all as necessary to construct concrete storm drainage headwalls at the finished grades and elevations indicated. Typical details are shown on contract drawing PLATE # 5. All work shall be performed in accordance with Sections 31 23 00.00 20 - "Excavation and Fill", 33 40 01 - "Storm Drainage", and 03 33 00 -"Cast-In-Place Architectural Concrete". Unit of measurement shall be Each (EA). Units and locations will be specified on the task order.	4	EA		0
B725	<b>Install Pre-Cast Storm Sewer Manhole (0 - 1 meter depth)</b>	The Contractor shall perform the installation of pre-cast concrete storm sewer manholes. The work includes supply, delivery and installation of pre-cast concrete manholes, including manhole base, riser, eccentric cone, frames and covers, as applicable, and connection of pipe, all as necessary for the construction of concrete storm drainage manholes at the finished grades and elevations indicated. Typical details are shown on contract drawing PLATE # 2. All work shall be performed in accordance with Sections 31 23 00.00 20 - "Excavation and Fill", 33 40 01 - "Storm Drainage", 03 33 00 -"Cast-In-Place Architectural Concrete". Unit of measurement shall be EA (EA). Units and locations will be specified on the task order.	5	EA		0
B726	<b>Install Pre-Cast Storm Sewer Manhole (1 - 3 meter depth)</b>	The Contractor shall perform the installation of pre-cast concrete storm sewer manholes. The work includes supply, delivery and installation of pre-cast concrete manholes, including manhole base, riser, eccentric cone, frames and covers, as applicable, and connection of pipe, all as necessary for the construction of concrete storm drainage manholes at the finished grades and elevations indicated. Typical details are shown on contract drawing PLATE # 2. All work shall be performed in accordance with Sections 31 23 00.00 20 - "Excavation and Fill", 33 40 01 - "Storm Drainage", 03 33 00 -"Cast-In-Place Architectural Concrete". Unit of measurement shall be Each (EA). Units and locations will be specified on the task order.	5	EA		0
B727	<b>Install Pre-cast Concrete Storm Drainage Catch Basin</b>	The Contractor shall perform the installation of pre-cast concrete storm drainage catch basins. The work includes excavation, supply, delivery and installation of pre-cast concrete catch basins, including base, riser, frames and grating, as applicable, and connection to piping, all as necessary for the construction of concrete storm drainage catch basins at the finished grades and elevations indicated. Typical details are shown on contract drawing PLATE # 6. All work shall be performed in accordance with Sections 31 23 00.00 20 - "Excavation and Fill", 33 40 01 - "Storm Drainage". Unit of measurement shall be Each (EA). Units and locations will be specified on the task order.	6	EA		0
B728	<b>Construct Brick Storm Drainage Catch Basin</b>	The Contractor shall perform the fabrication of brick storm drainage catch basins. The work includes excavation, brick work, armored concrete base, riser, walls, patching and finish, frames and grating, as applicable, and connection to piping, all as necessary for the construction of brick storm drainage catch basins at the finished grades and elevations indicated. All work shall be performed in accordance with Sections 31 23 00.00 20 - "Excavation and Fill", 33 40 01 - "Storm Drainage". Unit of measurement shall be Each (EA). Units and locations will be specified on the task order.	12	EA		0

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B729	<b>Install Rip-Rap Storm Drainage Channel Lining</b>	The Contractor shall install rip-rap storm drainage channel lining. The work includes supply, delivery and installation of rip-rap channel lining. Typical detail is shown on contract drawing PLATE # 4. All work shall be performed in accordance with Sections 31 23 00.00 20 - "Excavation and Fill", 33 40 01 - "Storm Drainage", and 03 33 00 - "Cast-In-Place Architectural Concrete". Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width, (L x W). <i>Dimensions and locations will be specified on the task order</i>	50	SM		0
B730	<b>Up-rise Manhole</b>	The Contractor shall perform the uprising of manhole. The work includes performing removal of frame and cover, bricks placement, reinstallation of frame and cover, removal of excess material and grading, all as necessary to up-rise manhole at the finished grades and elevations indicated. Typical details are shown on contract drawing PLATE # 2. All work shall be performed in accordance with Section 33 40 01 - "Storm Drainage Utilities". Unit of measurement shall be Each (EA). Units and locations will be <i>specified on the task order</i>	5	EA		0
B731	<b>Up-rise Drainage Grate</b>	The Contractor shall perform the uprising of drainage grate. The work includes performing removal of frame and grate, bricks placement, reinstallation of frame and grate, removal of excess material and grading, all as necessary to up-rise drainage grate at the finished grades and elevations indicated. Typical details are shown on contract drawing PLATE # 6. All work shall be performed in accordance with Section 33 40 01 - "Storm Drainage". Unit of measurement shall be Each (EA). Units and locations will be <i>specified on the task order</i>	5	EA		0
B732	<b>Up-rise Valve or Meter Cover</b>	The Contractor shall perform the uprising of valve/meter cover. The work includes performing removal of frame and cover, bricks placement, reinstallation of frame and cover, removal of excess material and grading, all as necessary to up-rise frame and cover at the finished grades and elevations indicated. All work shall be performed in accordance with Section 33 40 01 - "Storm Drainage Utilities". Unit of measurement shall be Each (EA). Units and locations will be <i>specified on the task order</i> .	5	EA		0
B733	<b>Aggregate Sub-Base Course for Bituminous Asphalt Pavements</b>	The Contractor shall perform the placement of crushed aggregate sub-base course for the bituminous asphalt pavement. The work includes performing site preparation, scarifying existing sub-grade, placement of ZA-40 aggregate sub-base, grading and compaction, as necessary for the construction of bituminous asphalt pavement. Minimum sub-base thickness for bituminous asphalt pavement shall be 20 cm compacted to 98% modified proctor density. When damage affects the base and sub-base courses, the damaged courses shall be entirely replaced with new material, which shall match the existing. Typical details are shown on contract drawing PLATE #'s 7, 8 & 10. All work shall be performed in accordance with Section 32 11 24 - "Graded Crushed Aggregate Base Course for Flexible Pavement". Unit of measurement shall be cubic meters (CM), as computed by multiplying, in meters, area length by width by depth, (L x W x D). <i>Dimensions will be specified on the task order</i>	25,000	CM		0

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B734	<b>Aggregate Base Course for Bituminous Asphalt Pavements and Concrete Sidewalks</b>	The Contractor shall perform the placement of aggregate base course for bituminous asphalt pavement and concrete sidewalks. The work includes performing site preparation, placement of ZA-25 aggregate base, grading and compaction, as necessary for the construction of the bituminous asphalt pavement and concrete sidewalks. Minimum base thickness for bituminous asphalt pavement shall be 20cm compacted to 100% modified proctor density. Minimum base thickness for concrete sidewalks shall be 10 cm compacted to 98% modified proctor density. When damage affects the base and sub-base courses, the damaged courses shall be entirely replaced with new material. Typical details are shown on contract drawing PLATE #'s 7, 8, 10 & 18. All work shall be performed in accordance with Section 32 11 24 - "Graded Crushed Aggregate Base Course for Flexible Pavement". Unit of measurement shall be cubic meters (CM), as computed by multiplying, in meters, area length by width by depth, (L x W x D). Dimensions will be specified on the task order.	25,000	CM		0
B735	<b>Bituminous Asphalt Pavement Crack Sealing</b>	The Contractor shall perform crack repair in existing asphalt pavements. The work includes site preparation, cleaning and sealing of cracks by application of hot-poured asphalt cement or bitumen sealant. Typical details are shown on contract drawing PLATE # 9. All work shall be performed in accordance with Section 32 12 11 - "Bituminous Surface Treatment" or Section 32 01 22 "Bituminous Rejuvenation: Slurry Seal". Unit of measurement shall be linear meters (LM), as computed by measurement, in meters, area length (L). Work ordered under this ELIN may be in conjunction with work ordered under ELINS # A738 or #A739.	375	LM		0
B736	<b>Bituminous Asphalt Pavement Repair</b>	The Contractor shall perform repair of existing bituminous asphalt pavement. The work includes surface preparation, supply, delivery and placement of 10cm compacted hot bituminous asphalt cement and primer coat. Typical details are shown on contract drawing PLATE #10. All work shall be performed in accordance with Section 32 12 17 - "Hot Mix Bituminous Pavement" and Section 32 12 10 - "Bituminous Tack and Prime Coats". Unit of measurement shall be square meters (SM), as computed by multiplying in meters area length by width (L x W)	6,300	SM		0
B737	<b>Bituminous Asphalt Pavement Overlay</b>	The Contractor shall perform the application of bituminous asphalt pavement overlay to the existing pavement. The work includes surface preparation, supply, delivery, placement of 6 cm compacted hot bituminous asphalt cement D 12 wearing coat and tack coat. Typical details are shown on contract drawing PLATE # 11. All work shall be performed in accordance with Sections 32 12 17 - "Hot Mix Bituminous Pavement" and Section 32 12 10 - "Bituminous Tack and Prime Coats". Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width, (L x W). Work ordered under this ELIN may be in conjunction with work ordered under ELIN's # A707	100,000	SM		0
B738	<b>Bituminous Asphalt Pavement Slurry Seal</b>	The Contractor shall perform the application of slurry seal on existing pavement. The work includes all labor, materials, equipment, supervision and transportation required to perform the application of asphalt slurry seal to existing asphalt pavement. The work includes surface preparation, and application of asphalt slurry seal. Typical details are shown on contract drawing PLATE # 17. All work shall be performed in accordance with Sections 32 12 17 - "Bituminous Hot Mix Pavement" and 32 01 22 - "Bituminous Rejuvenation: Slurry Seal". Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width, (L x W). Dimensions will be specified on the task order. Work ordered under this ELIN may be in conjunction with work ordered under ELINS # A735 and/or #A736.	1,500	SM		0

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B739	<b>Bituminous Asphalt Pavement Surface Treatment</b>	The Contractor shall perform treatment on the bituminous asphalt pavement. The work includes all labor, materials, equipment, supervision and transportation required to perform the application of bituminous surface treatment. The work includes surface preparation and application of bituminous surface treatment. Typical details are shown on contract drawing PLATE # 17. All work shall be performed in accordance with Sections 32 12 17 Hot Mix Bituminous Pavement & Section 32 12 11-"Bituminous Surface Treatment". Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width, (L x W). Dimensions will be specified on the task order. Work ordered under this ELIN may be in conjunction with work ordered under ELINS # A735 and/or #A736.	15,300	SM		0
B740	<b>New Bituminous Asphalt Pavement</b>	The Contractor shall perform the application of new bituminous asphalt pavement. The work includes surface preparation, supply, delivery, placement of a 6 cm compacted bituminous asphalt pavement S 20 binder course, primer coat, 4 cm compacted bituminous asphalt pavement D 12 wearing course, and tack coat. Typical details are shown on contract drawing PLATE #'s 7 & 8. All work shall be performed in accordance with Section 32 12 17 - "Hot Mix Bituminous Pavement". Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length, by width, (L x W). Dimensions will be specified on the task order. Work ordered under this ELIN may be in conjunction with work ordered under ELIN's #A700, A708,& A734.	20,300	SM		0
B741	<b>Obliteration of Existing Bituminous Asphalt Pavement Road Markings</b>	The Contractor shall perform the obliteration of existing road markings. All work shall be performed in accordance with Section 32 17 23.00 20-"Pavement Markings". Unit of measurement shall be square meters (SM) of painted area, as computed by multiplying, in meters, area length, by width, (L x W). Dimensions and locations will be specified on the task order.	850	SM		0
B742	<b>Paint Solid Pavement Lines</b>	The Contractor shall perform the painting of solid pavement lines. The work includes surface preparation and painting of 10 cm wide solid pavement lines. Application of this ELIN will be used for pavement lateral lines, parking stall and diagonal no-parking lines. All work shall be performed in accordance with Section 32 17 23.00 20 -"Pavement Markings". Unit of measurement shall be linear meters (LM) of painted area. Paint colors, dimensions and locations will be specified on the task order.	1,700	LM		0
B743	<b>Paint Reflective Solid Pavement Lines</b>	The Contractor shall perform the painting of solid reflective pavement lines. The work includes surface preparation and painting of 10 cm (4 inch) wide solid pavement lines. Application of this ELIN will be used for pavement center and lateral lines only. All work shall be performed in accordance with Section 32 17 23.00 20 -"Pavement Markings". Unit of measurement shall be linear meters (LM) of painted area. Paint colors, dimensions and locations will be specified on the task order.	1,300	LM		0
B744	<b>Paint Center Pavement Lines</b>	The Contractor shall perform the painting of center pavement lines. The work includes surface preparation and painting of 10 cm wide center pavement lines. Application of this ELIN will be used for pavement lateral lines, parking stall and diagonal no-parking lines. All work shall be performed in accordance with Section 32 17 23.00 20 -"Pavement Markings". Unit of measurement shall be linear meters (LM) of painted area. Paint colors, dimensions and locations will be specified on the task order.	1,300	LM		0

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B745	<b>Paint Reflective Center Pavement Lines</b>	The Contractor shall perform the painting of center reflective pavement lines. The work includes surface preparation and painting of 10 cm (4 inch) wide reflective center pavement lines. Application of this ELIN will be used for pavement center and lateral lines only. All work shall be performed in accordance with Section 32 17 23.00 20 -"Pavement Markings". Unit of measurement shall be linear meters (LM) of painted area. Paint colors, dimensions and locations will be specified on the task order.	250	LM		0
B746	<b>Paint Concrete Wheel Stops and Curbs</b>	The Contractor shall perform the painting of existing concrete wheel stops and pavement curbs. The work includes surface preparation and painting of all designated exposed surfaces. All work shall be performed in accordance with Section 32 17 23.00 20 -"Pavement Markings". Unit of measurement shall be square meters (SM) of painted area, as computed by multiplying actual dimensions of paint length, by width, (L x W). Paint colors, dimensions and locations will be specified on the task order.	250	SM		0
B747	<b>Paint Pedestrian Crosswalk Markings</b>	The Contractor shall perform the painting of pedestrian crosswalk markings. The work includes surface preparation and painting. Typical details are shown on contract drawing PLATE # 14. All work shall be performed in accordance with Section 32 17 23.00 20 -"Pavement Markings". Unit of measurement shall be square meters (SM) of actual painted area, as computed by multiplying actual dimensions of paint length, by width, (L x W). Paint colors and locations will be specified on the task order.	200	SM		0
B748	<b>Paint Reflective Pedestrian Crosswalk Markings</b>	The Contractor shall perform the painting of reflective pedestrian crosswalk markings. The work includes surface preparation and painting. Typical details are shown on contract drawing PLATE # 14. All work shall be performed in accordance with Section 32 17 23.00 20 -"Pavement Markings". Unit of measurement shall be square meters (SM) of actual painted area, as computed by multiplying actual dimensions of paint length, by width, (L x W). Paint colors and locations will be specified on the task order.	200	SM		0
B749	<b>Paint Stop Markings</b>	The Contractor shall perform the painting of stop markings. The work includes surface preparation and painting. Typical details are shown on contract drawing PLATE # 14. All work shall be performed in accordance with Section 32 17 23.00 20 -"Pavement Markings". Unit of measurement shall be square meters (SM) of actual painted area, as computed by multiplying actual dimensions of paint length, by width, (L x W). Paint colors and locations will be specified on the task order.	40	SM		0
B750	<b>Paint Reflective Stop Markings</b>	The Contractor shall perform the painting of reflective stop markings. The work includes surface preparation and painting. Typical details are shown on contract drawing PLATE # 14. All work shall be performed in accordance with Section 32 17 23.00 20 -"Pavement Markings". Unit of measurement shall be square meters (SM) of actual painted area, as computed by multiplying actual dimensions of paint length, by width, (L x W). Paint colors and locations will be specified on the task order.	40	SM		0
B751	<b>Paint Yield Markings</b>	The Contractor shall perform the painting of yield markings. The work includes surface preparation and painting. Typical details are shown on contract drawing PLATE # 15. All work shall be performed in accordance with Section 32 17 23.00 20 -"Pavement Markings". Unit of measurement shall be Each (EA). Paint colors and locations will be specified on the task order.	13	EA		0

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B752	<b>Paint Reflective Yield Markings</b>	The Contractor shall perform the painting of yield markings. The work includes surface preparation and painting. Typical details are shown on contract drawing PLATE # 15. All work shall be performed in accordance with Section 32 17 23.00 20 -"Pavement Markings". Unit of measurement shall be Each (EA). Paint colors and locations will be specified on the task order.	13	EA		0
B753	<b>Paint Direction Arrows Markings</b>	The Contractor shall perform the painting of directional arrow markings. The work includes surface preparation and painting. Typical details are shown on contract drawing PLATE # 15. All work shall be performed in accordance with Section 32 17 23.00 20 -"Pavement Markings". Unit of measurement shall be EA (EA). Paint colors and locations will be specified on the task order. Unit of measurement shall be Each (EA). Paint colors and locations will be specified on the task order.	25	EA		0
B754	<b>Paint Reflective Direction Arrows Markings</b>	The Contractor shall perform the painting of reflective directional arrow markings. The work includes surface preparation and painting. Typical details are shown on contract drawing PLATE # 15. All work shall be performed in accordance with Section 32 17 23.00 20 -"Pavement Markings". Unit of measurement shall be Each (EA). Paint colors and locations will be specified on the task order.	13	EA		0
B755	<b>Paint Special Markings</b>	The Contractor shall perform the painting of special pavement markings, such as but not limited to, handicap parking symbols and "NO PARKING" letters. The work includes surface preparation and painting. Typical details are shown on contract drawing PLATE # 14. All work shall be performed in accordance with Section 32 17 23.00 20 -"Pavement Markings". Unit of measurement shall be square meters (SM) of actual painted area, as computed by multiplying actual dimensions of paint area length, by width, (L x W). Paint colors and locations will be specified on the task order.	25	SM		0
B756	<b>Pavement Traffic Road Reflectors</b>	The Contractor shall perform the installation of pavement traffic reflectors. The work includes supply, delivery, surface preparation and installation. All work shall be performed in accordance with Section 32 17 23.00 20 -"Pavement Markings". Unit of measurement shall be Each (EA). Reflector colors and locations will be specified on the task order.	25	EA		0
B757	<b>Pavement Striping</b>	The Contractor shall perform the re-striping of existing striped roads and to stripe newly paved or otherwise un-striped roads, in accordance with the Spanish law and PG-3. The work shall include all types of solid and reflective striping and pavement marking of all types, including but not limited to: obliteration of existing road markings, solid and broken striping center and lateral striping, pavement traffic reflectors, all pavement edge markings, turning radius markings, pedestrian crosswalk markings, directional arrows, stop or yield pavement markings, and any special markings required. Typical details are shown on contract drawing PLATE #S 14, & 15. All work shall be performed in accordance with Section 32 17 23.00 20 -"Pavement Markings". Unit of measurement shall be kilometer (KM) of painted area. Paint colors, dimensions and locations will be specified on the task order.	35	KM		0

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B758	<b>Parking Lot Striping</b>	The Contractor shall perform the re-stripping of existing striped parking lots same as existing and to stripe newly paved or otherwise un-striped parking areas. The work shall include all types of solid and reflective striping and pavement marking of all types, including but not limited to: obliteration of existing markings, solid and broken striping, pavement traffic reflectors, all pavement edge makings, turning radius markings, pedestrian crosswalk markings, directional arrows, stop or yield pavement markings, any special markings required, and concrete wheel stops and curbs. Typical details are shown on contract drawing PLATE #S 14, & 15. All work shall be performed in accordance with Section 32 17 23.00 20-“Pavement Markings”. Unit of measurement shall be square meter (SM) of painted area. Paint colors, dimensions and locations will be specified on the task order.	37,500	SM		0
B759	<b>Reinforced Sidewalks Construction</b>	The Contractor shall perform the construction of 10 cm thick reinforced concrete sidewalks. The work includes site preparation, construction and installation of forms, placement of WWF steel, concrete placement, installation of vapor barrier, installation of expansion joints and control joints, and finish. Typical details are shown on contract drawing PLATE #18. All work shall be performed in accordance with Section 03 33 00-“Cast-In-Place Architectural Concrete”. Unit of measurement shall be square meter (SM), as computed by multiplying, in meters, area length, by width, (L x W). Dimensions will be specified on the task order. Work ordered under this ELIN may be in conjunction with work ordered under ELINS # A712 and #A734.	1,500	SM		0
B760	<b>Concrete Wheel Stops</b>	The Contractor shall provide and install concrete wheel stops. The work includes fabrication and installation of concrete wheel stops. Typical wheel stop construction detail is shown on contract drawing PLATE # 16. All work shall be performed in accordance with Section 03 33 00 -“Cast-In-Place Architectural Concrete”. Unit of measurement shall be each (EA). Units and locations will be specified on the task order.	50	EA		0
B761	<b>Clean Culverts</b>	The Contractor shall clean culverts. The work includes removing dirt, debris and foreign matter that obstructs the interior of the culvert pipe. All work shall be performed in accordance with section 01 57 19.00 20 -“Temporary Environmental Controls”. Unit of measurement shall be linear meters (LM). Units and locations will be specified on the task order.	100	LM		0
B762	<b>Clean Storm Drainage Channels</b>	The Contractor shall clean storm drainage channels. The work includes removing dirt, debris and foreign matter that obstructs the drainage channel. All work shall be performed in accordance with section 01 57 19.00 20 -“Temporary Environmental Controls”. Unit of measurement shall be linear meters (LM). Units and locations will be specified on the task order.	2,500	LM		0
B763	<b>Install Pre-Cast Concrete Curbs</b>	The Contractor shall provide and install pre-cast concrete curbs. The work includes excavation, lean concrete and placement of pre-cast concrete curbs. Typical detail of pre-cast concrete curb installation is shown on contract drawing PLATE # 17. All work shall be performed in accordance with Section 03 33 00-“Cast-in-Place Architectural Concrete”. Unit of measurement shall be linear meters (LM). Units and locations will be specified on the task order.	100	LM		0
B764	<b>Replace Frame and Cover on Existing Utilities</b>	The Contractor shall replace frame and cover on existing utilities. The work includes removal and disposal of old frame and cover, and providing and installation of new frame and cover to new grade. All work shall be performed in accordance with Section 05 50 00 -“Metal Miscellaneous and Fabrications”. Unit of measurement shall be each (EA).	10	EA		0

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B765	<b>Install Guard Posts</b>	The Contractor shall install guard posts. The work includes site preparation, providing steel pipe, internal armoring and anchorage of post with concrete solidly and paint stripes. Typical guard post installation detail is shown on contract drawing PLATE # 16. All work shall be performed in accordance with Sections 05 50 00 -"Metal Miscellaneous and Fabrications" and 03 33 00 -"Cast-in-Place Architectural Concrete". Unit of measurement shall be each (EA).	25	EA		0
B766	<b>Topographical Surveying</b>	The Contractor shall perform topographical surveying at the job site in the area indicated. The work includes establishing benchmark of elevations and stake out the new grade spots elevation. The survey shall be made with elevations data, mean sea level at Alicante for maintenance and repair works. Should the works are for new construction, the survey shall be made with elevations data, mean sea level at Alicante and U.T.M coordinates which will be provided by the Government. All survey data shall be produced and submitted on AUTOCAD software, latest version. The Contractor shall submit all survey data to the Contracting Officer for approval. Submit all CAD files for the final drawings on CD ROM disks. Scan all files submitted for viruses using the latest version of a commercial scanning program. Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length, by width, (L x W).	25,300	SM		0
B767	<b>Site Plan Layout</b>	The Contractor shall perform and provide detailed drawings for exact sizes, exact numbers and detailed positioning of items and final as-built drawings that shall clearly depict the technical design of the facility. Drawings shall be in sufficient detail to show compliance with the contract requirements. All work shall be performed in accordance with Computer Aided Design and Drafting Policy. Drawings shall meet the applicable drawing standards specified in the Guide for Architect Engineer Firms available on the website for Atlantic Division, Naval Facilities Engineering Command. All drawings submitted for review shall be in D size, 24 inch x 36 inch, approximately 61 cm x 91 cm. Other drawing size may be used, if approved by the Contracting Officer. Use Naval Station Rota, Public Works Department Title Block. Unit of measurement shall be each (EA).	10	EA		0
B768	<b>Emergency Repairs Asphalt Pot Holes</b>	The Contractor shall perform emergency repairs to asphalt potholes within the limits threshold of 1sm per hole. Emergency repairs shall be responded within 4 hours of the Government notification during Government regular working hours. If the emergency repair exceed the threshold the Contractor shall provide a Cost Proposal. The work includes removal of all loose debris, broken pieces of pavement and dust. Fill pothole with ready-to-use bituminous polymer modified cold asphalt and spread with rake or shovel and compact cold asphalt with manual roller or tamper to just over the level of the existing pavement. Thickness and application in layers of the bituminous cold asphalt shall be done as recommended by the manufacturer. Cold asphalt patching material shall comply with "Cold Asphalt Specifications"	10	EA		0

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B800	<b>Removal of Corrugated and Pre-Formed Metal Sheet Roofing.</b>	The Contractor shall perform the removal of existing corrugated and pre-formed metal sheet roofing. All rubbish, debris and loose material resulting from removal of corrugated and pre-formed metal sheet roofing shall be removed from the limits of the Naval Station daily. All work shall be performed in accordance with Sections 01 57 19.00 20 & 02 41 00 Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	400	SM		0
B801	<b>Removal of Corrugated and Pre-Formed Metal Roofing Ridge.</b>	The Contractor shall perform the removal of existing corrugated and pre-formed metal roofing ridge. All rubbish, debris and loose material resulting from removal of corrugated and pre-formed metal roofing ridge shall be removed from limits of the Naval Station daily. All work shall be performed in accordance with Sections 01 57 19.00 20 & 02 41 00 Unit of measurement shall be linear meters (LM) of removed roof ridge. Dimensions and locations will be specified on the task order.	60	LM		0
B802	<b>Removal of Corrugated Cement-Asbestos Sheet Roofing.</b>	The Contractor shall perform the removal of existing cement-asbestos sheet roofing. All rubbish, debris and loose material resulting from removal of cement-asbestos sheet roofing shall be removed from limits of the Naval Station daily. All work shall be performed in accordance with Sections 01 57 19.00 20, 02 41 00 & 02 82 14.00 10 Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	1,000	SM		0
B803	<b>Removal of Corrugated Plastic Sheet Roofing.</b>	The Contractor shall perform the removal of existing corrugated plastic sheet roofing. All rubbish, debris and loose material resulting from removal of corrugated plastic sheet roofing shall be removed from limits of the Naval Station daily. All work shall be performed in accordance with Sections 01 57 19.00 20 & 02 41 00 Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	100	SM		0
B804	<b>Removal of Gravel Surfaced Bituminous Built-Up Roofing.</b>	The Contractor shall perform the removal of existing gravel surfaced bituminous built-up roofing. Work includes removal of existing loose gravel. All debris and loose material resulting from removal of gravel surfaced bituminous built-up roofing shall be removed from limits of the Naval Station daily. All work shall be performed in accordance with Sections 01 57 19.00 20 & 02 41 00 Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	250	SM		0

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B805	<b>Removal of Polymeric Asphalt Sheet Roofing.</b>	The Contractor shall perform the removal of existing polymeric asphalt sheet roofing. All debris and loose material resulting from removal of polymeric asphalt sheet roofing shall be removed from limits of the Naval Station daily. All work shall be performed in accordance with Sections 01 57 19.00 20 & 02 41 00 Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	2,000	SM		0
B806	<b>Removal of Inverted Insulated Roofing.</b>	The Contractor shall perform the removal of existing inverted insulated roofing. Includes removal of existing loose gravel ballast, insulation and all polymeric asphalt sheet roofing membranes, where applicable. All debris and loose material resulting from removal of inverted insulated roofing shall be removed from limits of the Naval Station daily. All work shall be performed in accordance with Sections 01 57 19.00 20 & 02 41 00 Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	600	SM		0
B807	<b>Removal of Loose Gravel Ballast.</b>	The Contractor shall perform the removal of existing loose gravel ballast from gravel surfaced bituminous built-up and inverted insulated roofing. All debris and loose material resulting from removal of loose gravel ballast shall be removed from limits of the Naval Station daily. All work shall be performed in accordance with Sections 01 57 19.00 20 & 02 41 00 Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	200	SM		0
B808	<b>Removal of Curved Arabic Tile Roofing.</b>	The Contractor shall perform the removal of existing curved Arabic tile roofing. All debris and loose material resulting from the removal of the curved Arabic tile roofing shall be removed from limits of the Naval Station daily. All work shall be performed in accordance with Sections 01 57 19.00 20 & 02 41 00 Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	200	SM		0
B809	<b>Removal of Rain Gutters and Down Spouts.</b>	The Contractor shall perform the removal of existing roof gutters and down spouts. Work includes removal of all gutter and/or down spout hangers and fasteners. All debris and loose material resulting from removal of gutters and down spouts shall be removed from limits of the Naval Station daily. All work shall be performed in accordance with Sections 01 57 19.00 20 & 02 41 00 Unit of measurement shall be linear meters (LM) of removed roof gutters and/or down spouts. Dimensions and locations will be specified on the task order.	400	LM		0

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B810	<b>Removal of Polyurethane Foam Roof.</b>	<p>The Contractor shall perform the removal of existing polyurethane foam roof. All debris and loose material resulting from the removal of existing polyurethane foam roof shall be removed from limits of the Naval Station daily. All work shall be performed in accordance with Sections 01 57 19.00 20 &amp; 02 41 00</p> <p>Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.</p>	1,000	SM		0
B811	<b>Installation of Corrugated Metal Sheet Roofing.</b>	<p>The Contractor shall perform the installation of corrugated metal sheet roofing. The work includes surface preparation, supply, delivery and installation of corrugated metal sheet roof, all as necessary so as to provide for a complete and functional roofing system. Where applicable, installed corrugated metal sheet roofing shall match existing and adjacent roofing in shape, size and profile. Typical details are shown on contract drawing PLATES #'s 1, 3 &amp; 11. All work shall be performed in accordance with Section 07 41 13 .</p> <p>Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.</p>	1,000	SM		0
B812	<b>Installation of Corrugated Sandwich Metal Sheet Roofing.</b>	<p>The Contractor shall perform the installation of corrugated sandwich metal sheet roofing. The work includes surface preparation, supply, delivery and installation of corrugated sandwich metal sheet roof, all as necessary so as to provide for a complete and functional roofing system. Where applicable, installed corrugated sandwich metal sheet roofing shall match existing and adjacent roofing in shape, size and profile. All work shall be performed in accordance with Section 07 41 13.</p> <p>Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.</p>	1,000	SM		0
B813	<b>Installation of Corrugated Metal Sheet Roofing Ridge.</b>	<p>The Contractor shall perform the installation of corrugated metal sheet roofing ridge. The work includes surface preparation, supply, task and installation of corrugated metal sheet roof ridge, all as necessary so as to provide for a complete and functional roofing system. Where applicable, installed corrugated metal sheet roofing ridge shall match existing and adjacent roofing ridge in shape, size and profile. Typical details are shown on contract drawing PLATES #'s 1, 3 &amp; 11. All work shall be performed in accordance with Section 07 41 13.</p> <p>Unit of measurement shall be linear meters (LM) of installed corrugated metal sheet roofing ridge. Dimensions and locations will be specified on the task order.</p>	30	LM		0

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B814	<b>Installation of Pre-Formed Metal Sheet Roofing.</b>	<p>The Contractor shall perform the installation of pre-formed metal sheet roofing. The work includes surface preparation, supply, delivery and installation of pre-formed metal sheet roof, all as necessary so as to provide for a complete and functional roofing system. Where applicable, installed pre-formed metal sheet roofing shall match existing and adjacent roofing in shape, size and profile. Typical details are shown on contract drawing PLATES #'s 1, 3 &amp; 11. All work shall be performed in accordance with Section 07 41 13.</p> <p>Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.</p>	200	SM		0
B815	<b>Installation of Pre-Formed Metal Sheet Roofing Ridge.</b>	<p>The Contractor shall perform the installation of pre-formed metal sheet roofing ridge. The work includes surface preparation, supply, task and installation of pre-formed metal sheet roof ridge, all as necessary so as to provide for a complete and functional roofing system. Where applicable, installed pre-formed metal sheet roofing ridge shall match existing and adjacent roofing ridge in shape, size and profile. Typical details are shown on contract drawing PLATES #'s 1, 3 &amp; 11. All work shall be performed in accordance with Section 07 41 13.</p> <p>Unit of measurement shall be linear meters (LM) of installed pre-formed metal sheet roofing ridge. Dimensions and locations will be specified on the task order.</p>	30	LM		0
B816	<b>Installation of Pre-Formed Sandwich Metal Sheet Roofing.</b>	<p>The Contractor shall perform the installation of pre-formed sandwich metal sheet roofing. The work includes surface preparation, supply, delivery and installation of pre-formed sandwich metal sheet roof, all as necessary so as to provide for a complete and functional roofing system. Where applicable, installed pre-formed sandwich metal sheet roofing shall match existing and adjacent roofing in shape, size and profile. All work shall be performed in accordance with Section 07 41 13.</p> <p>Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.</p>	200	SM		0
B817	<b>Re-Sealing of Pre-Formed and Corrugated Metal Sheet Roofing Joints and Overlaps.</b>	<p>The Contractor shall perform the re-sealing of pre-formed and corrugated metal sheet roofing joints and overlaps with a silicone-rubber base mastic caulking. Existing joint and/or overlap caulking shall be completely removed and the surface area to receive new caulking shall be thoroughly cleaned and prepared. Typical details are shown on contract drawing PLATES #'s 1, 3 &amp; 11. All work shall be performed in accordance with Sections 07 41 13 &amp; 07 92 00.</p> <p>Unit of measurement shall be linear meters (LM) of re-sealed pre-formed and/or corrugated metal sheet roofing joints and/or overlaps. Dimensions and locations will be specified on the task order.</p>	200	LM		0
B818	<b>Re-Sealing of Pre-Formed and Corrugated Metal Sheet Roofing Fasteners.</b>	<p>The Contractor shall perform the re-sealing of pre-formed and corrugated metal sheet roofing fasteners with a silicone-rubber base mastic caulking. Existing fasteners caulking shall be completely removed and the surface area to receive new caulking shall be thoroughly cleaned and prepared. Typical details are shown on contract drawing PLATES #'s 1, 3 &amp; 11. All work shall be performed in accordance with Sections 07 41 13 &amp; 07 92 00.</p> <p>Unit of measurement shall be each (EA) re-sealed pre-formed and/or corrugated metal sheet roofing fastener. Quantities and locations will be specified on the task order.</p>	200	EA		0

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B819	<b>Waterproofing of union between Pre-Formed and Corrugated Metal Sheet Roofing and Vertical walls.</b>	The Contractor shall perform the waterproofing of the union between pre-formed and corrugated metal sheet roofing with vertical surfaces by means of Styrene Butadiene Styrene (SBS) modified membrane. Where applicable, existing aluminum finished polymeric asphalt sheets or Styrene Butadiene Styrene (SBS) modified membrane shall be removed and the surface area to receive new Butadiene Styrene (SBS) modified membrane shall be thoroughly cleaned and prepared. Typical details are shown on contract drawing PLATES #'s 1, 3 & 11. All work shall be performed in accordance with Section 07 52 00 and 07 41 13. Unit of measurement shall be linear meters (LM) of installed polymeric asphalt sheet roofing at vertical junctions. Dimensions and locations will be specified on the task order.	50	LM		0
B820	<b>Installation of Corrugated Plastic Sheet Roofing.</b>	The Contractor shall perform the installation of corrugated plastic sheet roofing. The work , including surface preparation, supply, delivery and installation of corrugated plastic sheet roof, all as necessary so as to provide for a complete and functional roofing system. Where applicable, installed corrugated plastic sheet roofing shall match existing and adjacent roofing in shape, size, color and profile. Typical details are shown on contract drawing PLATE # 1, 3 & 11. All work shall be performed in accordance with Section 07 54 19. Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	100	SM		0
B821	<b>Installation of Corrugated Plastic Sheet Roofing Ridges.</b>	The Contractor shall perform the installation of corrugated plastic sheet roofing ridges. The work includes surface preparation, supply and installation of corrugated plastic sheet roofing ridges, all as necessary so as to provide for a complete and functional roofing system. Where applicable, installed corrugated plastic sheet roofing ridges shall match existing and adjacent roofing ridges in shape, size, color and profile. Typical details are shown on contract drawing PLATES #'s 1, 3 & 11. All work shall be performed in accordance with Section 07 54 19. Unit of measurement shall be linear meters (LM) installed corrugated plastic sheet roofing ridges. Dimensions and locations will be specified on the task order.	100	LM		0
B822	<b>Re-Sealing of Corrugated Plastic Sheet Roofing Joints and Overlaps.</b>	The Contractor shall perform the re-sealing of corrugated plastic sheet roofing joints and overlaps with a silicone-rubber base mastic caulking. Existing joint and/or overlap caulking shall be completely removed and the surface area to receive new caulking shall be thoroughly cleaned and prepared. Typical details are shown on contract drawing PLATES #'s 1, 3 & 11. All work shall be performed in accordance with Sections 07 54 19 & 07 92 00. Unit of measurement shall be linear meters (LM) of re-sealed corrugated plastic sheet roofing joints and/or overlaps. Dimensions and locations will be specified on the task order.	200	LM		0
B823	<b>Re-Sealing of Corrugated Plastic Sheet Roofing Fasteners.</b>	The Contractor shall perform the re-sealing of corrugated plastic sheet roofing fasteners with a silicone-rubber base mastic caulking. Existing fasteners caulking shall be completely removed and the surface area to receive new caulking shall be thoroughly cleaned and prepared. Typical details are shown on contract drawing PLATES #'s 1, 3 & 11. All work shall be performed in accordance with Sections 07 54 19 & 07 92 00. Unit of measurement shall be each (EA) re-sealed corrugated plastic sheet roofing fastener. Quantities and locations will be specified on the task order.	200	EA		0

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B824	<b>Waterproofing of union between Corrugated plastic Sheet Roofing and Vertical walls.</b>	The Contractor shall perform the waterproofing of the union between corrugated plastic sheet roofing with vertical surfaces by means of Styrene Butadiene Styrene (SBS) modified membrane. Where applicable, existing aluminum finished polymeric asphalt sheets or Styrene Butadiene Styrene (SBS) modified membrane shall be removed and the surface area to receive new Butadiene Styrene (SBS) modified membrane shall be thoroughly cleaned and prepared. Typical details are shown on contract drawing PLATES #'s 1, 3 & 11. All work shall be performed in accordance with Sections 07 52 00 and 07 54 19. Unit of measurement shall be linear meters (LM) of installed polymeric asphalt sheet roofing at vertical junctions. Dimensions and locations will be specified on the task order.	100	LM		0
B825	<b>Installation of Styrene Butadiene Styrene (SBS) Modified Bituminous membrane roofing on Existing "Sevillana" Tile Roofs.</b>	The Contractor shall perform the installation of Styrene Butadiene Styrene (SBS) Modified Bituminous membrane roofing on existing "Sevillana" roofing. The work includes surface preparation, supply, delivery and installation of Styrene Butadiene Styrene (SBS) Modified Bituminous membrane roofing on existing "Sevillana" tile roofing, all as necessary so as to provide for a complete and functional roofing system. Installation of crickets at junction of deck and vertical surfaces shall be ordered separately under ELIN A807. Typical details are shown on contract drawing PLATES #'s 4, 8, 9, 12, 14, 15 & 16. All work shall be performed in accordance with Section 07 52 00. Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Dimensions and locations will be specified on the task order.	200	SM		0
B826	<b>Installation of Styrene Butadiene Styrene (SBS) Modified Bituminous membrane Roofing on Concrete Roof Decks.</b>	The Contractor shall perform the installation of styrene butadiene styrene (SBS) modified bituminous membrane roofing on concrete roof decks. The work includes surface preparation, supply, delivery and installation of Styrene Butadiene Sstyrene (SBS) modified bituminous membrane roofing on concrete roof decks, all as necessary so as to provide for a complete and functional roofing system. Installation of crickets at junction of deck and vertical surfaces shall be ordered separately under ELIN A807. Typical details are shown on contract drawing PLATES #'s 4, 8, 9, 12, 14, 15 & 16. All work shall be performed in accordance with Section 07 52 00. Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Dimensions and locations will be specified on the task order.	10,000	SM		0
B827	<b>Installation of Insulated Concrete Roofing Systems.</b>	The Contractor shall perform the installation of insulated concrete roofing systems. Work includes installation of insulation, sloped cellular concrete and Styrene Butadiene Styrene (SBS) modified bituminous membrane plies, all as necessary so as to provide for a complete and functional roofing system. Averaged thickness of cellular concrete shall not exceed 10 cm. Typical details are shown on contract drawing PLATES #'s 4, 8, 9, 12, 13, 14, 15 & 16. All work shall be performed in accordance with Sections 03 52 00 and 07 52 00. Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	500	SM		0

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B828	<b>Installation of Curved Arabic Tile Roofing.</b>	The Contractor shall perform the installation of curved Arabic tile roofing. The work includes surface preparation, supply, delivery and installation of curved Arabic tile roofing, all as necessary so as to provide for a complete and functional roofing system. Where applicable, installed curved Arabic tile roofing shall match existing and adjacent roofing in shape, size, color and profile. Typical details are shown on contract drawing PLATES #'s 5, 6 & 7. All work shall be performed in accordance with Section 07 32 13. Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	200	SM		0
B829	<b>Installation of Curved Arabic Tile Roofing Ridges</b>	The Contractor shall perform the installation of curved Arabic tile roofing ridges. The work includes surface preparation, supply, task and installation of curved Arabic tile roofing ridges, all as necessary so as to provide for a complete and functional roofing system. Where applicable, installed curved Arabic tile roofing ridges shall match existing and adjacent roofing ridge in shape, size, color and profile. Typical details are shown on contract drawing PLATES #'s 5, 6 & 7. All work shall be performed in accordance with Section 07 32 13. Unit of measurement shall be linear meters (LM) installed curved Arabic tile roofing ridges. Dimensions and locations will be specified on the task order.	50	LM		0
B830	<b>Rubber Paint over existing Curved Arabic Tile Roofing.</b>	The Contractor shall perform the painting over the existing curved Arabic tile roofing. The work includes surface preparation, supply, delivery and clear rubber painting of curved Arabic tile roofing, all as necessary so as to provide for a complete and functional roofing system. All work shall be performed in accordance with Section 09 90 00. Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	7,500	SM		0
B831	<b>Installation of Sheet Metal Flashing on Aluminum Finished Polymeric (or SBS) Asphalt Sheet Roofing.</b>	The Contractor shall perform the installation of sheet metal flashing on aluminum finished polymeric (or SBS) asphalt sheet roofing. Typical details are shown on contract drawing PLATE # 4. All work shall be performed in accordance with Section 07 60 00. Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	50	SM		0
B832	<b>Installation of Sheet Metal Flashing on Parapet Copings.</b>	The Contractor shall perform the installation of sheet metal flashing on parapet copings. Typical details are shown on contract drawing PLATE # 8. All work shall be performed in accordance with Section 07 60 00. Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	100	SM		0

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B833	<b>Installation of Sheet Metal Expansion Joint Flashings.</b>	The Contractor shall perform the installation of sheet metal expansion joint Flashings. Typical details are shown on contract drawing PLATE # 9. All work shall be performed in accordance with Section 07 60 00. Unit of measurement shall be linear meters (LM) of installed sheet metal expansion joint Flashings. Dimensions and locations will be specified on the task order.	100	LM		0
B834	<b>Installation of Rain Gutters.</b>	The Contractor shall perform the installation of rain gutters. Work shall include all hangers and fasteners necessary for a complete and functional installation. Typical details are shown on contract drawing PLATE # 11. All work shall be performed in accordance with Section 07 60 00. Unit of measurement shall be linear meters (LM) of installed rain gutters. Dimensions and locations will be specified on the delivery order.	500	LM		0
B835	<b>Installation of Rain Gutters and/or Scupper Down Spouts.</b>	The Contractor shall perform the installation of rain gutters and/or scupper down spouts. Work shall include all hangers and fasteners necessary for a complete and functional installation. Typical details are shown on contract drawing PLATE # 10. All work shall be performed in accordance with Section 07 60 00. Unit of measurement shall be linear meters (LM) of installed rain gutters and/or scupper down spouts. Dimensions and locations will be specified on the task order.	100	LM		0
B836	<b>Installation of Down Spout Conductor Heads.</b>	The Contractor shall perform the installation of down spout conductor heads. Typical details are shown on contract drawing PLATE # 10. All work shall be performed in accordance with Section 07 60 00. Unit of measurement shall be each (EA) installed down spout heads. Quantities and locations will be specified on the task order.	25	EA		0
B837	<b>Application of Sprayed Polyurethane Foam (PUF) Roof Coating.</b>	The Contractor shall perform the application of sprayed polyurethane (PUF) roof coating on existing pre-formed and/or corrugated metal sheet, asbestos-cement, and curved Arabic red tile roofs. Work includes application of sprayed polyurethane and application of elastomeric roof coating. Typical details are shown on contract drawing PLATE # 2. All work shall be performed in accordance with Section 07 57 13. Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cms. (one foot) and under and all vertical walls over 30.48 cms. (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	1,200	SM		0
B838	<b>Re-application of Elastomeric Roof Coating Over Polyurethane Foam (PUF).</b>	The Contractor shall perform the re-application of elastomeric roof coating over existing polyurethane foam (PUF) roof coating. Work includes removal of insulation which become damaged, overexposed to weather, or contaminated such that they cannot be cleaned and repaired to the satisfaction of the coating applicator, and provide new insulation and re-application of elastomeric roof coating. Typical details are shown on contract drawing PLATE # 2. All work shall be performed in accordance with Section 07 57 13. Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cms. (one foot) and under and all vertical walls over 30.48 cms. (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	8,000	SM		0

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B839	<b>Re-paint Existing Polyurethane Foam.</b>	The Contractor shall perform the re-application of elastomeric roof coating over existing polyurethane foam coating. Work includes application of elastomeric roof coating over polyurethane foam. Typical details are shown on contract drawing PLATE # 2. All work shall be performed in accordance with Section 07 57 13. Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	8,000	SM		0
B840	<b>Installation of Inverted Insulated Roofing Systems.</b>	The Contractor shall perform the installation of inverted insulated roofing systems. Work includes installation of polymeric asphalt sheet roofing plies, polystyrene insulation and loose aggregate ballast, all as necessary so as to provide for a complete and functional roofing system. Typical details are shown on contract drawing PLATE # 13. All work shall be performed in accordance with Section 07 55 00. Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	600	SM		0
B841	<b>Installation of Crickets.</b>	The Contractor shall perform the installation of crickets at junctions of roof deck and vertical surfaces. All work shall be performed in accordance with Sections 03 52 00, 07 55 00 & 07 52 00, as applicable. Unit of measurement shall be linear meters (LM) of installed cricket. <b>Dimensions and locations will be specified on the task order.</b>	100	LM		0
B842	<b>Installation of Expansion Joints.</b>	The Contractor shall perform the installation of neoprene expansion joints at junctions of roof decks and vertical surfaces. Typical details are shown on contract drawing PLATE # 9. All work shall be performed in accordance with Section 07 60 00. Unit of measurement shall be linear meters (LM) of installed expansion joints. Dimensions and locations will be specified on the task order.	200	LM		0
B843	<b>Re-sealing of Expansion Joints.</b>	The Contractor shall perform the re-sealing of expansion joints with a silicone-rubber base mastic caulking. Existing joint caulking shall be completely removed and the surface area to receive new caulking shall be thoroughly cleaned and prepared. Typical details are shown on contract drawing PLATE # 9. All work shall be performed in accordance with Sections 07 60 00 & 07 92 00. Unit of measurement shall be linear meters (LM) of re-sealed expansion joint. Dimensions and locations will be specified on the task order.	320	LM		0
B844	<b>Forming of Slopes With Cellular Concrete.</b>	The Contractor shall perform the forming of slopes on existing concrete roof decks using cellular concrete. Averaged thickness of cellular concrete shall not exceed 10 cm. . Typical details are shown on contract drawing PLATES #'s 8, 9, 12, 13, 14, 15 & 16. All work shall be performed in accordance with Sections 07 55 00 & 07 52 00. Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	1,000	SM		0

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B845	<b>Installation of Roof Mounted Duct and Equipment Supports.</b>	The Contractor shall perform the installation of roof mounted duct and equipment supports. Typical details are shown on contract drawing PLATE # 15. All work shall be performed in accordance with Section 07 60 00. Unit of measurement shall be each (EA) installed roof mounted duct and/or equipment supports. Quantities and locations will be specified on the task order.	10	EA		0
B846	<b>Replacement of Drain Sumps and Strainers.</b>	The Contractor shall perform the replacement of existing drain sumps and strainers. Work , including demolition of existing concrete roof deck, removal of existing drain sump and strainer, installation of new roof drain sumps and strainers and patching of roof deck. Typical details are shown on contract drawing PLATE # 16. All work shall be performed in accordance with Section 07 60 00. Unit of measurement shall be each (EA) replaced roof drain sump and strainer. Quantities and locations will be specified on the task order.	10	EA		0
B847	<b>Replacement of Pre-Cast Concrete Parapet Copings.</b>	The Contractor shall perform the replacement of pre-cast concrete parapet copings. Work includes demolition and removal of existing pre-cast concrete parapet roof copings, installation of new pre-cast concrete parapet copings, patching of parapet walls and repainting to match adjacent surfaces. Typical details are shown on contract drawing PLATES #'s 8 & 13. All work shall be performed in accordance with Section 03 31 01.00 10. Unit of measurement shall be linear meters (LM) of replaced pre-cast concrete parapet copings. Dimensions and locations will be specified on the delivery order. Unit of measurement shall be linear meters (LM) of replaced pre-cast concrete parapet copings. Dimensions and locations will be specified on the task order.	50	LM		0
B848	<b>Installation of Pre-Cast Concrete Down Spout Splash Blocks.</b>	The Contractor shall perform the installation of pre-cast concrete down spout splash blocks. Typical details are shown on contract drawing PLATE # 10 . All work shall be performed in accordance with Section 03 31 01.00 10. Unit of measurement shall be each (EA) installed pre-cast concrete splash block. Quantities and locations will be specified on the task order.	10	EA		0
B849	<b>Installation of Scupper Drains.</b>	The Contractor shall perform the installation of scupper drains in existing roof parapet walls. Typical details are shown on contract drawing PLATE # 16. All work shall be performed in accordance with Section 07 60 00. Unit of measurement shall be each (EA) installed scupper drain. Quantities and locations will be specified on the task order.	10	EA		0
B850	<b>Rubber Paint over Existing Roofing.</b>	The Contractor shall perform the application of rubber paint coating on existing pre-formed and/or corrugated metal sheet, asbestos-cement, concrete, and Ceramic Tiles roofs. Work includes application of rubber paint coating over existing roofing. All work shall be performed in accordance with Section 09 90 00. Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	1,500	SM		0

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B851	<b>Emergency repairs for roofing leaks.</b>	The Contractor shall perform emergency repairs on roofing leaks within the limits threshold of 16 hours of labor and \$3,000 of direct material cost. Emergency repairs shall be responded within 4 hours of the Government notification during Government regular working hours. If the emergency repair exceed the threshold contractor shall provide a Cost Proposal. Dimensions and locations will be specified on the task order. Contractor shall protect all the building interior area affected by the roof leak to prevent any damage.	10	EA		0
B900	<b>Exterior Paint extending from the ground level up to 3.75 LM above ground level.</b>	The Contractor shall prepare the surface and paint in accordance with SECTION 09 90 00 Paints and Coatings, this ELIN includes all the exterior surfaces up to 3.75LM above ground level and comprise all the surfaces included in the paint tables of SECTION 09 90 00. Locations and paint colors will be specified on each the task order or shall match to the existing color. The measurement method is provided in J-1503040-04	10,000	SM		0
B901	<b>Exterior Paint extending from 3.75LM above ground level up to 30LM above ground level.</b>	The Contractor shall prepare the surface and paint in accordance with SECTION 09 90 00 Paints and Coatings, this ELIN includes all the exterior surfaces from 3.75LM above ground level up to 30LM above ground level, and comprise all the surfaces included in the paint tables of SECTION 09 90 00. Locations and paint colors will be specified on each the task order or shall match to the existing color. The measurement method is provided in J-1503040-04.	20,000	SM		0
B902	<b>Interior Paint extending from the floor level up to 3.75LM above ground level.</b>	The Contractor shall prepare the surface and paint in accordance with SECTION 09 90 00 Paints and Coatings, this ELIN includes all the interior surfaces up to 3.75LM above floor level and comprise all the surfaces included in the paint tables of SECTION 09 90 00. Locations and paint colors will be specified on each the task order or shall match to the existing color. The measurement method is provided in J-1503040-04.	15,000	SM		0
B903	<b>Interior Paint extending from 3.75LM above floor level up to 30LM above floor level.</b>	The Contractor shall prepare the surface and paint in accordance with SECTION 09 90 00 Paints and Coatings, this ELIN includes all the interior surfaces up to 3.75LM above floor level and comprise all the surfaces included in the paint tables of SECTION 09 90 00. Locations and paint colors will be specified on each the task order or shall match to the existing color. The measurement method is provided in J-1503040-04.	30,000	SM		0
B1000	<b>Unit Priced Un-Skilled Labor Work (negotiated)</b>	Includes all labor and supervision required to perform miscellaneous unskilled work. Unskilled labor includes, but is not limited to the following types of trades: Laborer, Small Equipment Operator, Helper, etc. Dimensions and locations will be specified on the task order.	600	HR		0
B1001	<b>Miscellaneous Costs (negotiated)</b>	Includes all materials, equipment, and subcontracted effort required to perform miscellaneous work. Costs for materials, equipment, and subcontractor effort, not covered under any UPT, shall be negotiated as required for each task order. Units, dimensions, and locations will be specified on the task order.	1	LOT		0
<b>TOTAL OPTION PERIOD 1 IQ</b>						0

EXHIBIT LINE ITEM NUMBERS  
SOLICITATION NO. N33191-15-R-0823

PROVIDE UNIT PRICES FOR INDEFINITE DELIVERY INDEFINITE QUANTITY WORK

ELINs C700 through C1001

Second Period - Indefinite Quantity Work

<u>ELIN</u>	<u>SHORT DESCRIPTION</u>	<u>FULL DESCRIPTION</u>	<u>EST QTY</u>	<u>UNIT OF ISSUE</u>	<u>UNIT PRICE (USD)</u>	<u>TOTAL</u>
C700	<b>Demolition and Removal of Bituminous Asphalt Pavement</b>	The Contractor shall perform the demolition and removal of existing bituminous asphalt pavement. The asphalt pavement shall be saw cut, to a minimum depth of 10 cm, extending out 30.5 cm beyond the edge of the aggregate base to be removed. All saw cuts shall be made with vertical straight faces making one pair of faces at right angles to traffic flow. Typical details are shown on contract drawing PLATE # 10. Broken pavement, debris and resulting loose material shall be removed from limits of the station daily. All work shall be performed in accordance with Sections 01 57 19.00 20 - "Temporary Environmental Controls" & 02 41 00 - "Demolition". Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W). Dimensions and locations will be specified on the task order.	10,000	SM		0
C701	<b>Demolition and Removal of Aggregate Base</b>	The Contractor shall perform the demolition and removal of existing aggregate to a minimum depth of 20 cm. Typical details will be provided with each task order. Debris and resulting loose material shall be removed from limits of the station daily. All work shall be performed in accordance with Sections 01 57 19.00 20 - "Temporary Environmental Controls" & 02 41 00 - "Demolition". Unit of measurement shall be cubic meters (CM), as computed by multiplying, in meters, area length by width by depth (L x W x D). Dimensions and locations will be specified on the task order.	25,000	CM		0
C702	<b>Removal and Reinstallation or Disposal of Concrete Wheel Stops</b>	The Contractor shall perform the removal and reinstallation or disposal of existing concrete wheel stops. All work shall be performed in accordance with Sections 01 57 19.00 20 - "Temporary Environmental Controls" & 02 41 00 - "Demolition". Unit of measurement shall be Each (EA). Units and locations will be specified on the task order.	500	EA		0
C703	<b>Demolition and Removal of Concrete Curbs</b>	The Contractor shall perform the demolition and removal of existing pre-cast concrete curbs. All work shall be performed in accordance with Section 01 57 19.00 20 - "Temporary Environmental Controls" & 02 41 00 - "Demolition". Unit of measurement shall be linear meters (LM). Units and locations will be specified on the task order.	125	LM		0
C704	<b>Demolition and Removal of Storm Drainage Headwalls</b>	The Contractor shall perform the demolition and removal of existing storm drainage headwalls. Broken concrete, debris and resulting loose material shall be removed from limits of the station daily. All work shall be performed in accordance with Section 01 57 19.00 20 - "Temporary Environmental Controls" & 02 41 00 - "Demolition". Unit of measurement shall be Each (EA). Units and locations will be specified on the task order.	4	EA		0
C705	<b>Demolition and Removal of Concrete Pipe Culverts</b>	The Contractor shall perform the removal of existing pipe culverts. Old culvert pipe, debris and resulting loose material shall be removed from limits of the station daily. All work shall be performed in accordance with Section 01 57 19.00 20 - "Temporary Environmental Controls" & 02 41 00 - "Demolition". Unit of measurement shall be linear meters (LM). Units and locations will be specified on the task order.	100	LM		0

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C706	<b>Demolition and Removal of Concrete Sidewalks</b>	The Contractor shall perform demolition and removal of existing concrete sidewalks, all as indicated on the contract task order and site plans (as applicable). Where required and indicated, concrete shall be saw cut. Typical details will be provided with each task order. Broken concrete, debris and resulting loose material shall be removed from limits of the station daily. All work shall be performed in accordance with Sections 01 57 19.00 20-“Temporary Environmental Controls” & 02 41 00-“Demolition”. Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) considering an average depth of 0.1m . Dimensions and locations will be specified on the task order.	1,500	SM		0
C707	<b>Cold Milling of Bituminous Asphalt Pavements</b>	The Contractor shall perform cold milling 6 cm depth on existing bituminous asphalt pavement. All debris and resulting loose milled material shall be removed from limits of the station daily. All work shall be performed in accordance with Sections 32 0116 17 - "Cold Milling". This ELIN# may be ordered in conjunction with work ordered under ELIN's #A735. Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W). Dimensions and locations will be specified on the task order.	75,000	SM		0
C708	<b>Earthwork for Construction of Bituminous Asphalt Pavements</b>	The Contractor shall perform the general earthwork required for the construction of bituminous asphalt paved roads and parking lots. The work includes performing site preparation, excavation, compaction, removal of excess material and grading, all as necessary to construct bituminous asphalt paved roads, and parking lots at the finished grade and elevations indicated. Typical details are shown on contract drawing PLATE #'s 7 & 8. All work shall be performed in accordance with Section 31 23 00.00 20 - “Excavation and Fill”. Unit of measurement shall be cubic meters (CM), as computed by multiplying, in meters, area length by width by depth (L x W x D). Dimensions, slopes and finished grade will be specified on the task order.	1,700	CM		0
C709	<b>Earthwork for Storm Sewer Pipe (4 meter max. depth)</b>	The Contractor shall perform the general excavation required for the installation storm drainage pipe. The work includes performing site preparation, excavation, installation of granular pipe bedding, backfill, compacting, removal of excess material and grading, all as necessary to install storm sewer pipe and other related appurtenances at the finished grade and elevations indicated. Maximum depth shall be 4 meter. Typical details are shown on contract drawing PLATE # 1. All work shall be performed in accordance with Section 31 23 00.00 20 - “Excavation and Fill”. Unit of measurement shall be cubic meters (CM), as computed by multiplying, in meters, length by width by depth (L x W x D). Dimensions, slopes and finished grade will be specified on the task order.	150	CM		0
C710	<b>Earthwork for Storm Sewer Manholes (4 meter max. depth)</b>	The Contractor shall perform the general excavation required for the construction of storm sewer manholes. The work includes performing site preparation, excavation, backfill, compacting, removal of excess material and grading, all as necessary to install storm sewer manholes at the finished grade and elevations indicated. Maximum depth shall be 4 meter. Typical details are shown on contract drawing PLATE # 2. All work shall be performed in accordance with Section 31 23 00.00 20 - “Excavation and Fill”. Unit of measurement shall be cubic meters (CM), as computed by multiplying, in meters, length by width by depth (L x W x D). Dimensions, slopes and finished grade will be specified on the task order.	60	CM		0

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C711	<b>Earthwork For Storm Drainage Channels/Reshaping (4 meter max. depth)</b>	The Contractor shall perform the general excavation required for the construction of storm drainage channels. The work includes performing site preparation, excavation for new channel and reshaping for old channel, backfill, compaction, installation of organic mat, removal of excess material and grading, all as necessary to construct storm drainage channels at the finished grade and elevations indicated. Typical details are shown on contract drawing PLATE # 3. All work shall be performed in accordance with Section 31 23 00.00 20 - "Excavation and Fill". Unit of measurement shall be cubic meters (CM), as computed by multiplying, in meters, length by width by depth (L x W x D). Dimensions, slopes and finished grade will be specified on the task order.	150	CM		0
C712	<b>Earthwork for Construction of Sidewalks</b>	The Contractor shall perform the general earthwork required for the construction of concrete sidewalks. The work includes performing site preparation, excavation, compaction, and removal of excess material and grading, all as necessary to construct concrete sidewalks at the finished grade and elevations indicated. Typical details are shown on contract drawing PLATE #18. All work shall be performed in accordance with Section 31 00 00 -"Earthwork". Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) considering an average depth of 0.1m . Dimensions and locations will be specified on the task order.	1,500	SM		0
C713	<b>Concrete Storm Sewer Pipe (Ø20 cm)</b>	The Contractor shall perform the installation of 20 cm. diameter concrete storm drainage pipe. The work includes providing granular pipe bedding material, concrete storm drainage pipe, fittings and joints at the finished grade and elevations indicated. Typical details are shown on contract drawing PLATE # 1. All work shall be performed in accordance with Sections 31 23 00.00 20 - "Excavation and Fill" and 33 40 01 - "Storm Drainage". Unit of measurement shall be linear meters (LM). Dimensions, slopes and locations will be specified on the task order	50	LM		0
C714	<b>Concrete Storm Sewer Pipe (Ø30 cm)</b>	The Contractor shall perform the installation of 30 cm. diameter concrete storm drainage pipe. The work includes providing granular pipe bedding material, concrete storm drainage pipe, fittings and joints at the finished grade and elevations indicated. Typical details are shown on contract drawing PLATE # 1. All work shall be performed in accordance with Sections 31 23 00.00 20 - "Excavation and Fill" and 33 40 01 - "Storm Drainage". Unit of measurement shall be linear meters (LM). Dimensions, slopes and locations will be specified on the task order	50	LM		0
C715	<b>Concrete Storm Sewer Pipe (Ø40 cm)</b>	The Contractor perform the installation of 40 cm. diameter concrete storm drainage pipe. The work includes providing granular pipe bedding material, concrete storm drainage pipe, fittings and joints at the finished grade and elevations indicated. Typical details are shown on contract drawing PLATE # 1. All work shall be performed in accordance with Sections 31 23 00.00 20 - "Excavation and Fill" and 33 40 01 - "Storm Drainage". Unit of measurement shall be linear meters (LM). Dimensions, slopes and locations will be specified on the task order	50	LM		0
C716	<b>Concrete Storm Sewer Pipe (Ø50 cm)</b>	The Contractor shall perform the installation of 50 cm. diameter concrete storm drainage pipe. The work includes providing granular pipe bedding material, concrete storm drainage pipe, fittings and joints at the finished grade and elevations indicated. Typical details are shown on contract drawing PLATE # 1. All work shall be performed in accordance with Sections 31 23 00.00 20 - "Excavation and Fill" and 33 40 01 - "Storm Drainage". Unit of measurement shall be linear meters (LM). Dimensions, slopes and locations will be specified on the task order	50	LM		0

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C717	<b>Concrete Storm Sewer Pipe (Ø60 cm)</b>	The Contractor shall perform the installation of 60 cm. diameter concrete storm drainage pipe. The work includes providing granular pipe bedding material, concrete storm drainage pipe, fittings and joints at the finished grade and elevations indicated. Typical details are shown on contract drawing PLATE # 1. All work shall be performed in accordance with Sections 31 23 00.00 20 - "Excavation and Fill" and 33 40 01 - "Storm Drainage". Unit of measurement shall be linear meters (LM). Dimensions, slopes and locations will be specified on the task order.	50	LM		0
C718	<b>PVC Storm Sewer Pipe (Ø12.5 cm)</b>	The Contractor shall perform the installation of 12.5 cm. diameter PVC storm drainage pipe. The work includes providing granular pipe bedding material, PVC storm drainage pipe, fittings and joints at the finished grade and elevations indicated. Typical details are shown on contract drawing PLATE # 3. All work shall be performed in accordance with Sections 31 23 00.00 20 - "Excavation and Fill" and 33 40 01 - "Storm Drainage". Unit of measurement shall be linear meters (LM). Dimensions, slopes and locations will be specified on the task order.	50	LM		0
C719	<b>PVC Storm Sewer Pipe (Ø16 cm)</b>	The Contractor shall perform the installation of 16 cm. diameter PVC storm drainage pipe. The work includes providing granular pipe bedding material, PVC storm drainage pipe, fittings and joints at the finished grade and elevations indicated. Typical details are shown on contract drawing PLATE # 3. All work shall be performed in accordance with Sections 31 23 00.00 20 - "Excavation and Fill" and 33 40 01 - "Storm Drainage". Unit of measurement shall be linear meters (LM). Dimensions, slopes and locations will be specified on the task order.	50	LM		0
C720	<b>PVC Storm Sewer Pipe (20 cm)</b>	The Contractor shall perform the installation of 20 cm. diameter PVC storm drainage pipe. The work includes providing granular pipe bedding material, PVC storm drainage pipe, fittings and joints at the finished grade and elevations indicated. Typical details are shown on contract drawing PLATE # 3. All work shall be performed in accordance with Sections 31 23 00.00 20 - "Excavation and Fill" and 33 40 01 - "Storm Drainage". Unit of measurement shall be linear meters (LM). Dimensions, slopes and locations will be specified on the task order.	50	LM		0
C721	<b>PVC Storm Sewer Pipe (Ø25 cm)</b>	The Contractor shall perform the installation of 25 cm. diameter PVC storm drainage pipe. The work includes providing granular pipe bedding material, PVC storm drainage pipe, fittings and joints at the finished grade and elevations indicated. Typical details are shown on contract drawing PLATE # 1. All work shall be performed in accordance with Sections 31 23 00.00 20 - "Excavation and Fill" and 33 40 01 - "Storm Drainage". Unit of measurement shall be linear meters (LM). Dimensions, slopes and locations will be specified on the task order.	50	LM		0
C722	<b>PVC Storm Sewer Pipe (Ø31.5 cm)</b>	The Contractor shall perform the installation of 31.5 cm. diameter PVC storm drainage pipe. The work includes providing granular pipe bedding material, PVC storm drainage pipe, fittings and joints at the finished grade and elevations indicated. Typical details are shown on contract drawing PLATE # 1. All work shall be performed in accordance with Sections 31 23 00.00 20 - "Excavation and Fill" and 33 40 01 - "Storm Drainage". Unit of measurement shall be linear meters (LM). Dimensions, slopes and locations will be specified on the task order.	50	LM		0
C723	<b>PVC Storm Sewer Pipe (Ø40 cm)</b>	The Contractor shall perform the installation of 40 cm. diameter PVC storm drainage pipe. The work includes providing granular pipe bedding material, PVC storm drainage pipe, fittings and joints at the finished grade and elevations indicated. Typical details are shown on contract drawing PLATE # 1. All work shall be performed in accordance with Sections 31 23 00.00 20 - "Excavation and Fill" and 33 40 01 - "Storm Drainage". Unit of measurement shall be linear meters (LM). Dimensions, slopes and locations will be specified on the task order.	50	LM		0

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C724	<b>Construct Storm Drainage Headwalls</b>	The Contractor shall perform the construction of reinforced concrete headwalls. The work includes performing site preparation, excavation and /or fill, forming, reinforcement, concrete placement, backfill, compaction, removal of excess material and grading, all as necessary to construct concrete storm drainage headwalls at the finished grades and elevations indicated. Typical details are shown on contract drawing PLATE # 5. All work shall be performed in accordance with Sections 31 23 00.00 20 - "Excavation and Fill", 33 40 01 - "Storm Drainage", and 03 33 00 -"Cast-In-Place Architectural Concrete". Unit of measurement shall be Each (EA). Units and locations will be specified on the task order.	4	EA		0
C725	<b>Install Pre-Cast Storm Sewer Manhole (0 - 1 meter depth)</b>	The Contractor shall perform the installation of pre-cast concrete storm sewer manholes. The work includes supply, delivery and installation of pre-cast concrete manholes, including manhole base, riser, eccentric cone, frames and covers, as applicable, and connection of pipe, all as necessary for the construction of concrete storm drainage manholes at the finished grades and elevations indicated. Typical details are shown on contract drawing PLATE # 2. All work shall be performed in accordance with Sections 31 23 00.00 20 - "Excavation and Fill", 33 40 01 - "Storm Drainage", 03 33 00 -"Cast-In-Place Architectural Concrete". Unit of measurement shall be EA (EA). Units and locations will be specified on the task order.	5	EA		0
C726	<b>Install Pre-Cast Storm Sewer Manhole (1 - 3 meter depth)</b>	The Contractor shall perform the installation of pre-cast concrete storm sewer manholes. The work includes supply, delivery and installation of pre-cast concrete manholes, including manhole base, riser, eccentric cone, frames and covers, as applicable, and connection of pipe, all as necessary for the construction of concrete storm drainage manholes at the finished grades and elevations indicated. Typical details are shown on contract drawing PLATE # 2. All work shall be performed in accordance with Sections 31 23 00.00 20 - "Excavation and Fill", 33 40 01 - "Storm Drainage", 03 33 00 -"Cast-In-Place Architectural Concrete". Unit of measurement shall be Each (EA). Units and locations will be specified on the task order.	5	EA		0
C727	<b>Install Pre-cast Concrete Storm Drainage Catch Basin</b>	The Contractor shall perform the installation of pre-cast concrete storm drainage catch basins. The work includes excavation, supply, delivery and installation of pre-cast concrete catch basins, including base, riser, frames and grating, as applicable, and connection to piping, all as necessary for the construction of concrete storm drainage catch basins at the finished grades and elevations indicated. Typical details are shown on contract drawing PLATE # 6. All work shall be performed in accordance with Sections 31 23 00.00 20 - "Excavation and Fill", 33 40 01 - "Storm Drainage". Unit of measurement shall be Each (EA). Units and locations will be specified on the task order.	6	EA		0
C728	<b>Construct Brick Storm Drainage Catch Basin</b>	The Contractor shall perform the fabrication of brick storm drainage catch basins. The work includes excavation, brick work, armored concrete base, riser, walls, patching and finish, frames and grating, as applicable, and connection to piping, all as necessary for the construction of brick storm drainage catch basins at the finished grades and elevations indicated. All work shall be performed in accordance with Sections 31 23 00.00 20 - "Excavation and Fill", 33 40 01 - "Storm Drainage". Unit of measurement shall be Each (EA). Units and locations will be specified on the task order.	12	EA		0

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C729	<b>Install Rip-Rap Storm Drainage Channel Lining</b>	The Contractor shall install rip-rap storm drainage channel lining. The work includes supply, delivery and installation of rip-rap channel lining. Typical detail is shown on contract drawing PLATE # 4. All work shall be performed in accordance with Sections 31 23 00.00 20 - "Excavation and Fill", 33 40 01 - "Storm Drainage", and 03 33 00 - "Cast-In-Place Architectural Concrete". Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width, (L x W). <del>Dimensions and locations will be specified on the task order</del>	50	SM		0
C730	<b>Up-rise Manhole</b>	The Contractor shall perform the uprising of manhole. The work includes performing removal of frame and cover, bricks placement, reinstallation of frame and cover, removal of excess material and grading, all as necessary to up-rise manhole at the finished grades and elevations indicated. Typical details are shown on contract drawing PLATE # 2. All work shall be performed in accordance with Section 33 40 01 - "Storm Drainage Utilities". Unit of measurement shall be Each (EA). Units and locations will be specified on the task order	5	EA		0
C731	<b>Up-rise Drainage Grate</b>	The Contractor shall perform the uprising of drainage grate. The work includes performing removal of frame and grate, bricks placement, reinstallation of frame and grate, removal of excess material and grading, all as necessary to up-rise drainage grate at the finished grades and elevations indicated. Typical details are shown on contract drawing PLATE # 6. All work shall be performed in accordance with Section 33 40 01 - "Storm Drainage". Unit of measurement shall be Each (EA). Units and locations will be specified on the task order	5	EA		0
C732	<b>Up-rise Valve or Meter Cover</b>	The Contractor shall perform the uprising of valve/meter cover. The work includes performing removal of frame and cover, bricks placement, reinstallation of frame and cover, removal of excess material and grading, all as necessary to up-rise frame and cover at the finished grades and elevations indicated. All work shall be performed in accordance with Section 33 40 01 - "Storm Drainage Utilities". Unit of measurement shall be Each (EA). Units and locations will be specified on the task order.	5	EA		0
C733	<b>Aggregate Sub-Base Course for Bituminous Asphalt Pavements</b>	The Contractor shall perform the placement of crushed aggregate sub-base course for the bituminous asphalt pavement. The work includes performing site preparation, scarifying existing sub-grade, placement of ZA-40 aggregate sub-base, grading and compaction, as necessary for the construction of bituminous asphalt pavement. Minimum sub-base thickness for bituminous asphalt pavement shall be 20 cm compacted to 98% modified proctor density. When damage affects the base and sub-base courses, the damaged courses shall be entirely replaced with new material, which shall match the existing. Typical details are shown on contract drawing PLATE #'s 7, 8 & 10. All work shall be performed in accordance with Section 32 11 24 - "Graded Crushed Aggregate Base Course for Flexible Pavement". Unit of measurement shall be cubic meters (CM), as computed by multiplying, in meters, area length by width by depth, (L x W x D). <del>Dimensions will be specified on the task order</del>	25,000	CM		0

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C734	<b>Aggregate Base Course for Bituminous Asphalt Pavements and Concrete Sidewalks</b>	The Contractor shall perform the placement of aggregate base course for bituminous asphalt pavement and concrete sidewalks. The work includes performing site preparation, placement of ZA-25 aggregate base, grading and compaction, as necessary for the construction of the bituminous asphalt pavement and concrete sidewalks. Minimum base thickness for bituminous asphalt pavement shall be 20cm compacted to 100% modified proctor density. Minimum base thickness for concrete sidewalks shall be 10 cm compacted to 98% modified proctor density. When damage affects the base and sub-base courses, the damaged courses shall be entirely replaced with new material. Typical details are shown on contract drawing PLATE #'s 7, 8, 10 & 18. All work shall be performed in accordance with Section 32 11 24 - "Graded Crushed Aggregate Base Course for Flexible Pavement". Unit of measurement shall be cubic meters (CM), as computed by multiplying, in meters, area length by width by depth, (L x W x D). Dimensions will be specified on the task order.	25,000	CM		0
C735	<b>Bituminous Asphalt Pavement Crack Sealing</b>	The Contractor shall perform crack repair in existing asphalt pavements. The work includes site preparation, cleaning and sealing of cracks by application of hot-poured asphalt cement or bitumen sealant. Typical details are shown on contract drawing PLATE # 9. All work shall be performed in accordance with Section 32 12 11 - "Bituminous Surface Treatment" or Section 32 01 22 "Bituminous Rejuvenation: Slurry Seal". Unit of measurement shall be linear meters (LM), as computed by measurement, in meters, area length (L). Work ordered under this ELIN may be in conjunction with work ordered under ELINS # A738 or #A739.	375	LM		0
C736	<b>Bituminous Asphalt Pavement Repair</b>	The Contractor shall perform repair of existing bituminous asphalt pavement. The work includes surface preparation, supply, delivery and placement of 10cm compacted hot bituminous asphalt cement and primer coat. Typical details are shown on contract drawing PLATE #10. All work shall be performed in accordance with Section 32 12 17 - "Hot Mix Bituminous Pavement" and Section 32 12 10 - "Bituminous Tack and Prime Coats". Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W)	6,300	SM		0
C737	<b>Bituminous Asphalt Pavement Overlay</b>	The Contractor shall perform the application of bituminous asphalt pavement overlay to the existing pavement. The work includes surface preparation, supply, delivery, placement of 6 cm compacted hot bituminous asphalt cement D 12 wearing coat and tack coat. Typical details are shown on contract drawing PLATE # 11. All work shall be performed in accordance with Sections 32 12 17 - "Hot Mix Bituminous Pavement" and Section 32 12 10 - "Bituminous Tack and Prime Coats". Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width, (L x W). Work ordered under this ELIN may be in conjunction with work ordered under ELIN's # A707	100,000	SM		0
C738	<b>Bituminous Asphalt Pavement Slurry Seal</b>	The Contractor shall perform the application of slurry seal on existing pavement. The work includes all labor, materials, equipment, supervision and transportation required to perform the application of asphalt slurry seal to existing asphalt pavement. The work includes surface preparation, and application of asphalt slurry seal. Typical details are shown on contract drawing PLATE # 17. All work shall be performed in accordance with Sections 32 12 17 - "Bituminous Hot Mix Pavement" and 32 01 22 - "Bituminous Rejuvenation: Slurry Seal". Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width, (L x W). Dimensions will be specified on the task order. Work ordered under this ELIN may be in conjunction with work ordered under ELINS # A735 and/or #A736.	1,500	SM		0

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C739	<b>Bituminous Asphalt Pavement Surface Treatment</b>	The Contractor shall perform treatment on the bituminous asphalt pavement. The work includes all labor, materials, equipment, supervision and transportation required to perform the application of bituminous surface treatment. The work includes surface preparation and application of bituminous surface treatment. Typical details are shown on contract drawing PLATE # 17. All work shall be performed in accordance with Sections 32 12 17 Hot Mix Bituminous Pavement & Section 32 12 11-"Bituminous Surface Treatment". Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width, (L x W). Dimensions will be specified on the task order. Work ordered under this ELIN may be in conjunction with work ordered under ELINS # A735 and/or #A736.	15,300	SM		0
C740	<b>New Bituminous Asphalt Pavement</b>	The Contractor shall perform the application of new bituminous asphalt pavement. The work includes surface preparation, supply, delivery, placement of a 6 cm compacted bituminous asphalt pavement S 20 binder course, primer coat, 4 cm compacted bituminous asphalt pavement D 12 wearing course, and tack coat. Typical details are shown on contract drawing PLATE #'s 7 & 8. All work shall be performed in accordance with Section 32 12 17 - "Hot Mix Bituminous Pavement". Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length, by width, (L x W). Dimensions will be specified on the task order. Work ordered under this ELIN may be in conjunction with work ordered under ELIN's #A700, A708,& A734.	20,300	SM		0
C741	<b>Obliteration of Existing Bituminous Asphalt Pavement Road Markings</b>	The Contractor shall perform the obliteration of existing road markings. All work shall be performed in accordance with Section 32 17 23.00 20-"Pavement Markings". Unit of measurement shall be square meters (SM) of painted area, as computed by multiplying, in meters, area length, by width, (L x W). <u>Dimensions and locations will be specified on the task order.</u>	850	SM		0
C742	<b>Paint Solid Pavement Lines</b>	The Contractor shall perform the painting of solid pavement lines. The work includes surface preparation and painting of 10 cm wide solid pavement lines. Application of this ELIN will be used for pavement lateral lines, parking stall and diagonal no-parking lines. All work shall be performed in accordance with Section 32 17 23.00 20 -"Pavement Markings". Unit of measurement shall be linear meters (LM) of painted area. Paint colors, dimensions and locations will be specified on the task order.	1,700	LM		0
C743	<b>Paint Reflective Solid Pavement Lines</b>	The Contractor shall perform the painting of solid reflective pavement lines. The work includes surface preparation and painting of 10 cm (4 inch) wide solid pavement lines. Application of this ELIN will be used for pavement center and lateral lines only. All work shall be performed in accordance with Section 32 17 23.00 20 -"Pavement Markings". Unit of measurement shall be linear meters (LM) of painted area. Paint colors, dimensions and locations will be specified on the task order.	1,300	LM		0
C744	<b>Paint Center Pavement Lines</b>	The Contractor shall perform the painting of center pavement lines. The work includes surface preparation and painting of 10 cm wide center pavement lines. Application of this ELIN will be used for pavement lateral lines, parking stall and diagonal no-parking lines. All work shall be performed in accordance with Section 32 17 23.00 20 -"Pavement Markings". Unit of measurement shall be linear meters (LM) of painted area. Paint colors, dimensions and locations will be specified on the task order.	1,300	LM		0

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C745	<b>Paint Reflective Center Pavement Lines</b>	The Contractor shall perform the painting of center reflective pavement lines. The work includes surface preparation and painting of 10 cm (4 inch) wide reflective center pavement lines. Application of this ELIN will be used for pavement center and lateral lines only. All work shall be performed in accordance with Section 32 17 23.00 20 -"Pavement Markings". Unit of measurement shall be linear meters (LM) of painted area. Paint colors, dimensions and locations will be specified on the task order.	250	LM		0
C746	<b>Paint Concrete Wheel Stops and Curbs</b>	The Contractor shall perform the painting of existing concrete wheel stops and pavement curbs. The work includes surface preparation and painting of all designated exposed surfaces. All work shall be performed in accordance with Section 32 17 23.00 20 -"Pavement Markings". Unit of measurement shall be square meters (SM) of painted area, as computed by multiplying actual dimensions of paint length, by width, (L x W). Paint colors, dimensions and locations will be specified on the task order.	250	SM		0
C747	<b>Paint Pedestrian Crosswalk Markings</b>	The Contractor shall perform the painting of pedestrian crosswalk markings. The work includes surface preparation and painting. Typical details are shown on contract drawing PLATE # 14. All work shall be performed in accordance with Section 32 17 23.00 20 -"Pavement Markings". Unit of measurement shall be square meters (SM) of actual painted area, as computed by multiplying actual dimensions of paint length, by width, (L x W). Paint colors and locations will be specified on the task order.	200	SM		0
C748	<b>Paint Reflective Pedestrian Crosswalk Markings</b>	The Contractor shall perform the painting of reflective pedestrian crosswalk markings. The work includes surface preparation and painting. Typical details are shown on contract drawing PLATE # 14. All work shall be performed in accordance with Section 32 17 23.00 20 -"Pavement Markings". Unit of measurement shall be square meters (SM) of actual painted area, as computed by multiplying actual dimensions of paint length, by width, (L x W). Paint colors and locations will be specified on the task order.	200	SM		0
C749	<b>Paint Stop Markings</b>	The Contractor shall perform the painting of stop markings. The work includes surface preparation and painting. Typical details are shown on contract drawing PLATE # 14. All work shall be performed in accordance with Section 32 17 23.00 20 -"Pavement Markings". Unit of measurement shall be square meters (SM) of actual painted area, as computed by multiplying actual dimensions of paint length, by width, (L x W). Paint colors and locations will be specified on the task order.	40	SM		0
C750	<b>Paint Reflective Stop Markings</b>	The Contractor shall perform the painting of reflective stop markings. The work includes surface preparation and painting. Typical details are shown on contract drawing PLATE # 14. All work shall be performed in accordance with Section 32 17 23.00 20 -"Pavement Markings". Unit of measurement shall be square meters (SM) of actual painted area, as computed by multiplying actual dimensions of paint length, by width, (L x W). Paint colors and locations will be specified on the task order.	40	SM		0
C751	<b>Paint Yield Markings</b>	The Contractor shall perform the painting of yield markings. The work includes surface preparation and painting. Typical details are shown on contract drawing PLATE # 15. All work shall be performed in accordance with Section 32 17 23.00 20 -"Pavement Markings". Unit of measurement shall be Each (EA). Paint colors and locations will be specified on the task order.	13	EA		0

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C752	<b>Paint Reflective Yield Markings</b>	The Contractor shall perform the painting of yield markings. The work includes surface preparation and painting. Typical details are shown on contract drawing PLATE # 15. All work shall be performed in accordance with Section 32 17 23.00 20 -"Pavement Markings". Unit of measurement shall be Each (EA). Paint colors and locations will be specified on the task order.	13	EA		0
C753	<b>Paint Direction Arrows Markings</b>	The Contractor shall perform the painting of directional arrow markings. The work includes surface preparation and painting. Typical details are shown on contract drawing PLATE # 15. All work shall be performed in accordance with Section 32 17 23.00 20 -"Pavement Markings". Unit of measurement shall be EA (EA). Paint colors and locations will be specified on the task order. Unit of measurement shall be Each (EA). Paint colors and locations will be specified on the task order.	25	EA		0
C754	<b>Paint Reflective Direction Arrows Markings</b>	The Contractor shall perform the painting of reflective directional arrow markings. The work includes surface preparation and painting. Typical details are shown on contract drawing PLATE # 15. All work shall be performed in accordance with Section 32 17 23.00 20 -"Pavement Markings". Unit of measurement shall be Each (EA). Paint colors and locations will be specified on the task order.	13	EA		0
C755	<b>Paint Special Markings</b>	The Contractor shall perform the painting of special pavement markings, such as but not limited to, handicap parking symbols and "NO PARKING" letters. The work includes surface preparation and painting. Typical details are shown on contract drawing PLATE # 14. All work shall be performed in accordance with Section 32 17 23.00 20 -"Pavement Markings". Unit of measurement shall be square meters (SM) of actual painted area, as computed by multiplying actual dimensions of paint area length, by width, (L x W). Paint colors and locations will be specified on the task order.	25	SM		0
C756	<b>Pavement Traffic Road Reflectors</b>	The Contractor shall perform the installation of pavement traffic reflectors. The work includes supply, delivery, surface preparation and installation. All work shall be performed in accordance with Section 32 17 23.00 20 -"Pavement Markings". Unit of measurement shall be Each (EA). Reflector colors and locations will be specified on the task order.	25	EA		0
C757	<b>Pavement Striping</b>	The Contractor shall perform the re-striping of existing striped roads and to stripe newly paved or otherwise un-striped roads, in accordance with the Spanish law and PG-3. The work shall include all types of solid and reflective striping and pavement marking of all types, including but not limited to: obliteration of existing road markings, solid and broken striping center and lateral striping, pavement traffic reflectors, all pavement edge markings, turning radius markings, pedestrian crosswalk markings, directional arrows, stop or yield pavement markings, and any special markings required. Typical details are shown on contract drawing PLATE #S 14, & 15. All work shall be performed in accordance with Section 32 17 23.00 20 -"Pavement Markings". Unit of measurement shall be kilometer (KM) of painted area. Paint colors, dimensions and locations will be specified on the task order.	35	KM		0

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C758	<b>Parking Lot Striping</b>	The Contractor shall perform the re-striping of existing striped parking lots same as existing and to stripe newly paved or otherwise un-striped parking areas. The work shall include all types of solid and reflective striping and pavement marking of all types, including but not limited to: obliteration of existing markings, solid and broken striping, pavement traffic reflectors, all pavement edge makings, turning radius markings, pedestrian crosswalk markings, directional arrows, stop or yield pavement markings, any special markings required, and concrete wheel stops and curbs. Typical details are shown on contract drawing PLATE #S 14, & 15. All work shall be performed in accordance with Section 32 17 23.00 20-“Pavement Markings”. Unit of measurement shall be square meter (SM) of painted area. Paint colors, dimensions and locations will be specified on the task order.	37,500	SM		0
C759	<b>Reinforced Sidewalks Construction</b>	The Contractor shall perform the construction of 10 cm thick reinforced concrete sidewalks. The work includes site preparation, construction and installation of forms, placement of WWF steel, concrete placement, installation of vapor barrier, installation of expansion joints and control joints, and finish. Typical details are shown on contract drawing PLATE #18. All work shall be performed in accordance with Section 03 33 00-“Cast-In-Place Architectural Concrete”. Unit of measurement shall be square meter (SM), as computed by multiplying, in meters, area length, by width, (L x W). Dimensions will be specified on the task order. Work ordered under this ELIN may be in conjunction with work ordered under ELINS # A712 and #A734.	1,500	SM		0
C760	<b>Concrete Wheel Stops</b>	The Contractor shall provide and install concrete wheel stops. The work includes fabrication and installation of concrete wheel stops. Typical wheel stop construction detail is shown on contract drawing PLATE # 16. All work shall be performed in accordance with Section 03 33 00 -“Cast-In-Place Architectural Concrete”. Unit of measurement shall be each (EA). Units and locations will be specified on the task order.	50	EA		0
C761	<b>Clean Culverts</b>	The Contractor shall clean culverts. The work includes removing dirt, debris and foreign matter that obstructs the interior of the culvert pipe. All work shall be performed in accordance with section 01 57 19.00 20 -“Temporary Environmental Controls”. Unit of measurement shall be linear meters (LM). Units and locations will be specified on the task order.	100	LM		0
C762	<b>Clean Storm Drainage Channels</b>	The Contractor shall clean storm drainage channels. The work includes removing dirt, debris and foreign matter that obstructs the drainage channel. All work shall be performed in accordance with section 01 57 19.00 20 -“Temporary Environmental Controls”. Unit of measurement shall be linear meters (LM). Units and locations will be specified on the task order.	2,500	LM		0
C763	<b>Install Pre-Cast Concrete Curbs</b>	The Contractor shall provide and install pre-cast concrete curbs. The work includes excavation, lean concrete and placement of pre-cast concrete curbs. Typical detail of pre-cast concrete curb installation is shown on contract drawing PLATE # 17. All work shall be performed in accordance with Section 03 33 00-“Cast-in-Place Architectural Concrete”. Unit of measurement shall be linear meters (LM). Units and locations will be specified on the task order.	100	LM		0
C764	<b>Replace Frame and Cover on Existing Utilities</b>	The Contractor shall replace frame and cover on existing utilities. The work includes removal and disposal of old frame and cover, and providing and installation of new frame and cover to new grade. All work shall be performed in accordance with Section 05 50 00 -“Metal Miscellaneous and Fabrications”. Unit of measurement shall be each (EA).	10	EA		0

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C765	<b>Install Guard Posts</b>	The Contractor shall install guard posts. The work includes site preparation, providing steel pipe, internal armoring and anchorage of post with concrete solidly and paint stripes. Typical guard post installation detail is shown on contract drawing PLATE # 16. All work shall be performed in accordance with Sections 05 50 00 -"Metal Miscellaneous and Fabrications" and 03 33 00 -"Cast-in-Place Architectural Concrete". Unit of measurement shall be each (EA).	25	EA		0
C766	<b>Topographical Surveying</b>	The Contractor shall perform topographical surveying at the job site in the area indicated. The work includes establishing benchmark of elevations and stake out the new grade spots elevation. The survey shall be made with elevations data, mean sea level at Alicante for maintenance and repair works. Should the works are for new construction, the survey shall be made with elevations data, mean sea level at Alicante and U.T.M coordinates which will be provided by the Government. All survey data shall be produced and submitted on AUTOCAD software, latest version. The Contractor shall submit all survey data to the Contracting Officer for approval. Submit all CAD files for the final drawings on CD ROM disks. Scan all files submitted for viruses using the latest version of a commercial scanning program. Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length, by width, (L x W).	25,300	SM		0
C767	<b>Site Plan Layout</b>	The Contractor shall perform and provide detailed drawings for exact sizes, exact numbers and detailed positioning of items and final as-built drawings that shall clearly depict the technical design of the facility. Drawings shall be in sufficient detail to show compliance with the contract requirements. All work shall be performed in accordance with Computer Aided Design and Drafting Policy. Drawings shall meet the applicable drawing standards specified in the Guide for Architect Engineer Firms available on the website for Atlantic Division, Naval Facilities Engineering Command. All drawings submitted for review shall be in D size, 24 inch x 36 inch, approximately 61 cm x 91 cm. Other drawing size may be used, if approved by the Contracting Officer. Use Naval Station Rota, Public Works Department Title Block. Unit of measurement shall be each (EA).	10	EA		0
C768	<b>Emergency Repairs Asphalt Pot Holes</b>	The Contractor shall perform emergency repairs to asphalt potholes within the limits threshold of 1sm per hole. Emergency repairs shall be responded within 4 hours of the Government notification during Government regular working hours. If the emergency repair exceed the threshold the Contractor shall provide a Cost Proposal. The work includes removal of all loose debris, broken pieces of pavement and dust. Fill pothole with ready-to-use bituminous polymer modified cold asphalt and spread with rake or shovel and compact cold asphalt with manual roller or tamper to just over the level of the existing pavement. Thickness and application in layers of the bituminous cold asphalt shall be done as recommended by the manufacturer. Cold asphalt patching material shall comply with "Cold Asphalt Specifications"	10	EA		0

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C800	<b>Removal of Corrugated and Pre-Formed Metal Sheet Roofing.</b>	The Contractor shall perform the removal of existing corrugated and pre-formed metal sheet roofing. All rubbish, debris and loose material resulting from removal of corrugated and pre-formed metal sheet roofing shall be removed from the limits of the Naval Station daily. All work shall be performed in accordance with Sections 01 57 19.00 20 & 02 41 00 Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	400	SM		0
C801	<b>Removal of Corrugated and Pre-Formed Metal Roofing Ridge.</b>	The Contractor shall perform the removal of existing corrugated and pre-formed metal roofing ridge. All rubbish, debris and loose material resulting from removal of corrugated and pre-formed metal roofing ridge shall be removed from limits of the Naval Station daily. All work shall be performed in accordance with Sections 01 57 19.00 20 & 02 41 00 Unit of measurement shall be linear meters (LM) of removed roof ridge. Dimensions and locations will be specified on the task order.	60	LM		0
C802	<b>Removal of Corrugated Cement-Asbestos Sheet Roofing.</b>	The Contractor shall perform the removal of existing cement-asbestos sheet roofing. All rubbish, debris and loose material resulting from removal of cement-asbestos sheet roofing shall be removed from limits of the Naval Station daily. All work shall be performed in accordance with Sections 01 57 19.00 20, 02 41 00 & 02 82 14.00 10 Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	1,000	SM		0
C803	<b>Removal of Corrugated Plastic Sheet Roofing.</b>	The Contractor shall perform the removal of existing corrugated plastic sheet roofing. All rubbish, debris and loose material resulting from removal of corrugated plastic sheet roofing shall be removed from limits of the Naval Station daily. All work shall be performed in accordance with Sections 01 57 19.00 20 & 02 41 00 Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	100	SM		0
C804	<b>Removal of Gravel Surfaced Bituminous Built-Up Roofing.</b>	The Contractor shall perform the removal of existing gravel surfaced bituminous built-up roofing. Work includes removal of existing loose gravel. All debris and loose material resulting from removal of gravel surfaced bituminous built-up roofing shall be removed from limits of the Naval Station daily. All work shall be performed in accordance with Sections 01 57 19.00 20 & 02 41 00 Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	250	SM		0

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C805	<b>Removal of Polymeric Asphalt Sheet Roofing.</b>	The Contractor shall perform the removal of existing polymeric asphalt sheet roofing. All debris and loose material resulting from removal of polymeric asphalt sheet roofing shall be removed from limits of the Naval Station daily. All work shall be performed in accordance with Sections 01 57 19.00 20 & 02 41 00 Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	2,000	SM		0
C806	<b>Removal of Inverted Insulated Roofing.</b>	The Contractor shall perform the removal of existing inverted insulated roofing. Includes removal of existing loose gravel ballast, insulation and all polymeric asphalt sheet roofing membranes, where applicable. All debris and loose material resulting from removal of inverted insulated roofing shall be removed from limits of the Naval Station daily. All work shall be performed in accordance with Sections 01 57 19.00 20 & 02 41 00 Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	600	SM		0
C807	<b>Removal of Loose Gravel Ballast.</b>	The Contractor shall perform the removal of existing loose gravel ballast from gravel surfaced bituminous built-up and inverted insulated roofing. All debris and loose material resulting from removal of loose gravel ballast shall be removed from limits of the Naval Station daily. All work shall be performed in accordance with Sections 01 57 19.00 20 & 02 41 00 Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	200	SM		0
C808	<b>Removal of Curved Arabic Tile Roofing.</b>	The Contractor shall perform the removal of existing curved Arabic tile roofing. All debris and loose material resulting from the removal of the curved Arabic tile roofing shall be removed from limits of the Naval Station daily. All work shall be performed in accordance with Sections 01 57 19.00 20 & 02 41 00 Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	200	SM		0
C809	<b>Removal of Rain Gutters and Down Spouts.</b>	The Contractor shall perform the removal of existing roof gutters and down spouts. Work includes removal of all gutter and/or down spout hangers and fasteners. All debris and loose material resulting from removal of gutters and down spouts shall be removed from limits of the Naval Station daily. All work shall be performed in accordance with Sections 01 57 19.00 20 & 02 41 00 Unit of measurement shall be linear meters (LM) of removed roof gutters and/or down spouts. Dimensions and locations will be specified on the task order.	400	LM		0

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C810	<b>Removal of Polyurethane Foam Roof.</b>	The Contractor shall perform the removal of existing polyurethane foam roof. All debris and loose material resulting from the removal of existing polyurethane foam roof shall be removed from limits of the Naval Station daily. All work shall be performed in accordance with Sections 01 57 19.00 20 & 02 41 00 Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	1,000	SM		0
C811	<b>Installation of Corrugated Metal Sheet Roofing.</b>	The Contractor shall perform the installation of corrugated metal sheet roofing. The work includes surface preparation, supply, delivery and installation of corrugated metal sheet roof, all as necessary so as to provide for a complete and functional roofing system. Where applicable, installed corrugated metal sheet roofing shall match existing and adjacent roofing in shape, size and profile. Typical details are shown on contract drawing PLATES #'s 1, 3 & 11. All work shall be performed in accordance with Section 07 41 13 . Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	1,000	SM		0
C812	<b>Installation of Corrugated Sandwich Metal Sheet Roofing.</b>	The Contractor shall perform the installation of corrugated sandwich metal sheet roofing. The work includes surface preparation, supply, delivery and installation of corrugated sandwich metal sheet roof, all as necessary so as to provide for a complete and functional roofing system. Where applicable, installed corrugated sandwich metal sheet roofing shall match existing and adjacent roofing in shape, size and profile. All work shall be performed in accordance with Section 07 41 13. Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	1,000	SM		0
C813	<b>Installation of Corrugated Metal Sheet Roofing Ridge.</b>	The Contractor shall perform the installation of corrugated metal sheet roofing ridge. The work includes surface preparation, supply, task and installation of corrugated metal sheet roof ridge, all as necessary so as to provide for a complete and functional roofing system. Where applicable, installed corrugated metal sheet roofing ridge shall match existing and adjacent roofing ridge in shape, size and profile. Typical details are shown on contract drawing PLATES #'s 1, 3 & 11. All work shall be performed in accordance with Section 07 41 13. Unit of measurement shall be linear meters (LM) of installed corrugated metal sheet roofing ridge. Dimensions and locations will be specified on the task order.	30	LM		0

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C814	<b>Installation of Pre-Formed Metal Sheet Roofing.</b>	The Contractor shall perform the installation of pre-formed metal sheet roofing. The work includes surface preparation, supply, delivery and installation of pre-formed metal sheet roof, all as necessary so as to provide for a complete and functional roofing system. Where applicable, installed pre-formed metal sheet roofing shall match existing and adjacent roofing in shape, size and profile. Typical details are shown on contract drawing PLATES #'s 1, 3 & 11. All work shall be performed in accordance with Section 07 41 13. Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	200	SM		0
C815	<b>Installation of Pre-Formed Metal Sheet Roofing Ridge.</b>	The Contractor shall perform the installation of pre-formed metal sheet roofing ridge. The work includes surface preparation, supply, task and installation of pre-formed metal sheet roof ridge, all as necessary so as to provide for a complete and functional roofing system. Where applicable, installed pre-formed metal sheet roofing ridge shall match existing and adjacent roofing ridge in shape, size and profile. Typical details are shown on contract drawing PLATES #'s 1, 3 & 11. All work shall be performed in accordance with Section 07 41 13. Unit of measurement shall be linear meters (LM) of installed pre-formed metal sheet roofing ridge. Dimensions and locations will be specified on the task order.	30	LM		0
C816	<b>Installation of Pre-Formed Sandwich Metal Sheet Roofing.</b>	The Contractor shall perform the installation of pre-formed sandwich metal sheet roofing. The work includes surface preparation, supply, delivery and installation of pre-formed sandwich metal sheet roof, all as necessary so as to provide for a complete and functional roofing system. Where applicable, installed pre-formed sandwich metal sheet roofing shall match existing and adjacent roofing in shape, size and profile. All work shall be performed in accordance with Section 07 41 13. Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	200	SM		0
C817	<b>Re-Sealing of Pre-Formed and Corrugated Metal Sheet Roofing Joints and Overlaps.</b>	The Contractor shall perform the re-sealing of pre-formed and corrugated metal sheet roofing joints and overlaps with a silicone-rubber base mastic caulking. Existing joint and/or overlap caulking shall be completely removed and the surface area to receive new caulking shall be thoroughly cleaned and prepared. Typical details are shown on contract drawing PLATES #'s 1, 3 & 11. All work shall be performed in accordance with Sections 07 41 13 & 07 92 00. Unit of measurement shall be linear meters (LM) of re-sealed pre-formed and/or corrugated metal sheet roofing joints and/or overlaps. Dimensions and locations will be specified on the task order.	200	LM		0
C818	<b>Re-Sealing of Pre-Formed and Corrugated Metal Sheet Roofing Fasteners.</b>	The Contractor shall perform the re-sealing of pre-formed and corrugated metal sheet roofing fasteners with a silicone-rubber base mastic caulking. Existing fasteners caulking shall be completely removed and the surface area to receive new caulking shall be thoroughly cleaned and prepared. Typical details are shown on contract drawing PLATES #'s 1, 3 & 11. All work shall be performed in accordance with Sections 07 41 13 & 07 92 00. Unit of measurement shall be each (EA) re-sealed pre-formed and/or corrugated metal sheet roofing fastener. Quantities and locations will be specified on the task order.	200	EA		0

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C819	<b>Waterproofing of union between Pre-Formed and Corrugated Metal Sheet Roofing and Vertical walls.</b>	The Contractor shall perform the waterproofing of the union between pre-formed and corrugated metal sheet roofing with vertical surfaces by means of Styrene Butadiene Styrene (SBS) modified membrane. Where applicable, existing aluminum finished polymeric asphalt sheets or Styrene Butadiene Styrene (SBS) modified membrane shall be removed and the surface area to receive new Butadiene Styrene (SBS) modified membrane shall be thoroughly cleaned and prepared. Typical details are shown on contract drawing PLATES #'s 1, 3 & 11. All work shall be performed in accordance with Section 07 52 00 and 07 41 13. Unit of measurement shall be linear meters (LM) of installed polymeric asphalt sheet roofing at vertical junctions. Dimensions and locations will be specified on the task order.	50	LM		0
C820	<b>Installation of Corrugated Plastic Sheet Roofing.</b>	The Contractor shall perform the installation of corrugated plastic sheet roofing. The work , including surface preparation, supply, delivery and installation of corrugated plastic sheet roof, all as necessary so as to provide for a complete and functional roofing system. Where applicable, installed corrugated plastic sheet roofing shall match existing and adjacent roofing in shape, size, color and profile. Typical details are shown on contract drawing PLATE # 1, 3 & 11. All work shall be performed in accordance with Section 07 54 19. Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	100	SM		0
C821	<b>Installation of Corrugated Plastic Sheet Roofing Ridges.</b>	The Contractor shall perform the installation of corrugated plastic sheet roofing ridges. The work includes surface preparation, supply and installation of corrugated plastic sheet roofing ridges, all as necessary so as to provide for a complete and functional roofing system. Where applicable, installed corrugated plastic sheet roofing ridges shall match existing and adjacent roofing ridges in shape, size, color and profile. Typical details are shown on contract drawing PLATES #'s 1, 3 & 11. All work shall be performed in accordance with Section 07 54 19. Unit of measurement shall be linear meters (LM) installed corrugated plastic sheet roofing ridges. Dimensions and locations will be specified on the task order.	100	LM		0
C822	<b>Re-Sealing of Corrugated Plastic Sheet Roofing Joints and Overlaps.</b>	The Contractor shall perform the re-sealing of corrugated plastic sheet roofing joints and overlaps with a silicone-rubber base mastic caulking. Existing joint and/or overlap caulking shall be completely removed and the surface area to receive new caulking shall be thoroughly cleaned and prepared. Typical details are shown on contract drawing PLATES #'s 1, 3 & 11. All work shall be performed in accordance with Sections 07 54 19 & 07 92 00. Unit of measurement shall be linear meters (LM) of re-sealed corrugated plastic sheet roofing joints and/or overlaps. Dimensions and locations will be specified on the task order.	200	LM		0
C823	<b>Re-Sealing of Corrugated Plastic Sheet Roofing Fasteners.</b>	The Contractor shall perform the re-sealing of corrugated plastic sheet roofing fasteners with a silicone-rubber base mastic caulking. Existing fasteners caulking shall be completely removed and the surface area to receive new caulking shall be thoroughly cleaned and prepared. Typical details are shown on contract drawing PLATES #'s 1, 3 & 11. All work shall be performed in accordance with Sections 07 54 19 & 07 92 00. Unit of measurement shall be each (EA) re-sealed corrugated plastic sheet roofing fastener. Quantities and locations will be specified on the task order.	200	EA		0

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C824	<b>Waterproofing of union between Corrugated plastic Sheet Roofing and Vertical walls.</b>	The Contractor shall perform the waterproofing of the union between corrugated plastic sheet roofing with vertical surfaces by means of Styrene Butadiene Styrene (SBS) modified membrane. Where applicable, existing aluminum finished polymeric asphalt sheets or Styrene Butadiene Styrene (SBS) modified membrane shall be removed and the surface area to receive new Butadiene Styrene (SBS) modified membrane shall be thoroughly cleaned and prepared. Typical details are shown on contract drawing PLATES #'s 1, 3 & 11. All work shall be performed in accordance with Sections 07 52 00 and 07 54 19. Unit of measurement shall be linear meters (LM) of installed polymeric asphalt sheet roofing at vertical junctions. Dimensions and locations will be specified on the task order.	100	LM		0
C825	<b>Installation of Styrene Butadiene Styrene (SBS) Modified Bituminous membrane roofing on Existing "Sevillana" Tile Roofs.</b>	The Contractor shall perform the installation of Styrene Butadiene Styrene (SBS) Modified Bituminous membrane roofing on existing "Sevillana" roofing. The work includes surface preparation, supply, delivery and installation of Styrene Butadiene Styrene (SBS) Modified Bituminous membrane roofing on existing "Sevillana" tile roofing, all as necessary so as to provide for a complete and functional roofing system. Installation of crickets at junction of deck and vertical surfaces shall be ordered separately under ELIN A807. Typical details are shown on contract drawing PLATES #'s 4, 8, 9, 12, 14, 15 & 16. All work shall be performed in accordance with Section 07 52 00. Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Dimensions and locations will be specified on the task order.	200	SM		0
C826	<b>Installation of Styrene Butadiene Styrene (SBS) Modified Bituminous membrane Roofing on Concrete Roof Decks.</b>	The Contractor shall perform the installation of styrene butadiene styrene (SBS) modified bituminous membrane roofing on concrete roof decks. The work includes surface preparation, supply, delivery and installation of Styrene Butadiene Sstyrene (SBS) modified bituminous membrane roofing on concrete roof decks, all as necessary so as to provide for a complete and functional roofing system. Installation of crickets at junction of deck and vertical surfaces shall be ordered separately under ELIN A807. Typical details are shown on contract drawing PLATES #'s 4, 8, 9, 12, 14, 15 & 16. All work shall be performed in accordance with Section 07 52 00. Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Dimensions and locations will be specified on the task order.	10,000	SM		0
C827	<b>Installation of Insulated Concrete Roofing Systems.</b>	The Contractor shall perform the installation of insulated concrete roofing systems. Work includes installation of insulation, sloped cellular concrete and Styrene Butadiene Styrene (SBS) modified bituminous membrane plies, all as necessary so as to provide for a complete and functional roofing system. Averaged thickness of cellular concrete shall not exceed 10 cm. Typical details are shown on contract drawing PLATES #'s 4, 8, 9, 12, 13, 14, 15 & 16. All work shall be performed in accordance with Sections 03 52 00 and 07 52 00. Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	500	SM		0

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C828	<b>Installation of Curved Arabic Tile Roofing.</b>	The Contractor shall perform the installation of curved Arabic tile roofing. The work includes surface preparation, supply, delivery and installation of curved Arabic tile roofing, all as necessary so as to provide for a complete and functional roofing system. Where applicable, installed curved Arabic tile roofing shall match existing and adjacent roofing in shape, size, color and profile. Typical details are shown on contract drawing PLATES #'s 5, 6 & 7. All work shall be performed in accordance with Section 07 32 13. Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	200	SM		0
C829	<b>Installation of Curved Arabic Tile Roofing Ridges</b>	The Contractor shall perform the installation of curved Arabic tile roofing ridges. The work includes surface preparation, supply, task and installation of curved Arabic tile roofing ridges, all as necessary so as to provide for a complete and functional roofing system. Where applicable, installed curved Arabic tile roofing ridges shall match existing and adjacent roofing ridge in shape, size, color and profile. Typical details are shown on contract drawing PLATES #'s 5, 6 & 7. All work shall be performed in accordance with Section 07 32 13. Unit of measurement shall be linear meters (LM) installed curved Arabic tile roofing ridges. Dimensions and locations will be specified on the task order.	50	LM		0
C830	<b>Rubber Paint over existing Curved Arabic Tile Roofing.</b>	The Contractor shall perform the painting over the existing curved Arabic tile roofing. The work includes surface preparation, supply, delivery and clear rubber painting of curved Arabic tile roofing, all as necessary so as to provide for a complete and functional roofing system. All work shall be performed in accordance with Section 09 90 00. Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	7,500	SM		0
C831	<b>Installation of Sheet Metal Flashing on Aluminum Finished Polymeric (or SBS) Asphalt Sheet Roofing.</b>	The Contractor shall perform the installation of sheet metal flashing on aluminum finished polymeric (or SBS) asphalt sheet roofing. Typical details are shown on contract drawing PLATE # 4. All work shall be performed in accordance with Section 07 60 00. Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	50	SM		0
C832	<b>Installation of Sheet Metal Flashing on Parapet Copings.</b>	The Contractor shall perform the installation of sheet metal flashing on parapet copings. Typical details are shown on contract drawing PLATE # 8. All work shall be performed in accordance with Section 07 60 00. Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	100	SM		0

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C833	<b>Installation of Sheet Metal Expansion Joint Flashings.</b>	The Contractor shall perform the installation of sheet metal expansion joint Flashings. Typical details are shown on contract drawing PLATE # 9. All work shall be performed in accordance with Section 07 60 00. Unit of measurement shall be linear meters (LM) of installed sheet metal expansion joint Flashings. Dimensions and locations will be specified on the task order.	100	LM		0
C834	<b>Installation of Rain Gutters.</b>	The Contractor shall perform the installation of rain gutters. Work shall include all hangers and fasteners necessary for a complete and functional installation. Typical details are shown on contract drawing PLATE # 11. All work shall be performed in accordance with Section 07 60 00. Unit of measurement shall be linear meters (LM) of installed rain gutters. Dimensions and locations will be specified on the delivery order.	500	LM		0
C835	<b>Installation of Rain Gutters and/or Scupper Down Spouts.</b>	The Contractor shall perform the installation of rain gutters and/or scupper down spouts. Work shall include all hangers and fasteners necessary for a complete and functional installation. Typical details are shown on contract drawing PLATE # 10. All work shall be performed in accordance with Section 07 60 00. Unit of measurement shall be linear meters (LM) of installed rain gutters and/or scupper down spouts. Dimensions and locations will be specified on the task order.	100	LM		0
C836	<b>Installation of Down Spout Conductor Heads.</b>	The Contractor shall perform the installation of down spout conductor heads. Typical details are shown on contract drawing PLATE # 10. All work shall be performed in accordance with Section 07 60 00. Unit of measurement shall be each (EA) installed down spout heads. Quantities and locations will be specified on the task order.	25	EA		0
C837	<b>Application of Sprayed Polyurethane Foam (PUF) Roof Coating.</b>	The Contractor shall perform the application of sprayed polyurethane (PUF) roof coating on existing pre-formed and/or corrugated metal sheet, asbestos-cement, and curved Arabic red tile roofs. Work includes application of sprayed polyurethane and application of elastomeric roof coating. Typical details are shown on contract drawing PLATE # 2. All work shall be performed in accordance with Section 07 57 13. Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cms. (one foot) and under and all vertical walls over 30.48 cms. (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	1,200	SM		0
C838	<b>Re-application of Elastomeric Roof Coating Over Polyurethane Foam (PUF).</b>	The Contractor shall perform the re-application of elastomeric roof coating over existing polyurethane foam (PUF) roof coating. Work includes removal of insulation which become damaged, overexposed to weather, or contaminated such that they cannot be cleaned and repaired to the satisfaction of the coating applicator, and provide new insulation and re-application of elastomeric roof coating. Typical details are shown on contract drawing PLATE # 2. All work shall be performed in accordance with Section 07 57 13. Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cms. (one foot) and under and all vertical walls over 30.48 cms. (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	8,000	SM		0

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C839	<b>Re-paint Existing Polyurethane Foam.</b>	The Contractor shall perform the re-application of elastomeric roof coating over existing polyurethane foam coating. Work includes application of elastomeric roof coating over polyurethane foam. Typical details are shown on contract drawing PLATE # 2. All work shall be performed in accordance with Section 07 57 13. Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	8,000	SM		0
C840	<b>Installation of Inverted Insulated Roofing Systems.</b>	The Contractor shall perform the installation of inverted insulated roofing systems. Work includes installation of polymeric asphalt sheet roofing plies, polystyrene insulation and loose aggregate ballast, all as necessary so as to provide for a complete and functional roofing system. Typical details are shown on contract drawing PLATE # 13. All work shall be performed in accordance with Section 07 55 00. Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	600	SM		0
C841	<b>Installation of Crickets.</b>	The Contractor shall perform the installation of crickets at junctions of roof deck and vertical surfaces. All work shall be performed in accordance with Sections 03 52 00, 07 55 00 & 07 52 00, as applicable. Unit of measurement shall be linear meters (LM) of installed cricket. <u>Dimensions and locations will be specified on the task order.</u>	100	LM		0
C842	<b>Installation of Expansion Joints.</b>	The Contractor shall perform the installation of neoprene expansion joints at junctions of roof decks and vertical surfaces. Typical details are shown on contract drawing PLATE # 9. All work shall be performed in accordance with Section 07 60 00. Unit of measurement shall be linear meters (LM) of installed expansion joints. Dimensions and locations will be specified on the task order.	200	LM		0
C843	<b>Re-sealing of Expansion Joints.</b>	The Contractor shall perform the re-sealing of expansion joints with a silicone-rubber base mastic caulking. Existing joint caulking shall be completely removed and the surface area to receive new caulking shall be thoroughly cleaned and prepared. Typical details are shown on contract drawing PLATE # 9. All work shall be performed in accordance with Sections 07 60 00 & 07 92 00. Unit of measurement shall be linear meters (LM) of re-sealed expansion joint. Dimensions and locations will be specified on the task order.	320	LM		0
C844	<b>Forming of Slopes With Cellular Concrete.</b>	The Contractor shall perform the forming of slopes on existing concrete roof decks using cellular concrete. Averaged thickness of cellular concrete shall not exceed 10 cm. . Typical details are shown on contract drawing PLATES #s 8, 9, 12, 13, 14, 15 & 16. All work shall be performed in accordance with Sections 07 55 00 & 07 52 00. Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	1,000	SM		0

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C845	<b>Installation of Roof Mounted Duct and Equipment Supports.</b>	The Contractor shall perform the installation of roof mounted duct and equipment supports. Typical details are shown on contract drawing PLATE # 15. All work shall be performed in accordance with Section 07 60 00. Unit of measurement shall be each (EA) installed roof mounted duct and/or equipment supports. Quantities and locations will be specified on the task order.	10	EA		0
C846	<b>Replacement of Drain Sumps and Strainers.</b>	The Contractor shall perform the replacement of existing drain sumps and strainers. Work , including demolition of existing concrete roof deck, removal of existing drain sump and strainer, installation of new roof drain sumps and strainers and patching of roof deck. Typical details are shown on contract drawing PLATE # 16. All work shall be performed in accordance with Section 07 60 00. Unit of measurement shall be each (EA) replaced roof drain sump and strainer. Quantities and locations will be specified on the task order.	10	EA		0
C847	<b>Replacement of Pre-Cast Concrete Parapet Copings.</b>	The Contractor shall perform the replacement of pre-cast concrete parapet copings. Work includes demolition and removal of existing pre-cast concrete parapet roof copings, installation of new pre-cast concrete parapet copings, patching of parapet walls and repainting to match adjacent surfaces. Typical details are shown on contract drawing PLATES #'s 8 & 13. All work shall be performed in accordance with Section 03 31 01.00 10. Unit of measurement shall be linear meters (LM) of replaced pre-cast concrete parapet copings. Dimensions and locations will be specified on the delivery order. Unit of measurement shall be linear meters (LM) of replaced pre-cast concrete parapet copings. Dimensions and locations will be specified on the task order.	50	LM		0
C848	<b>Installation of Pre-Cast Concrete Down Spout Splash Blocks.</b>	The Contractor shall perform the installation of pre-cast concrete down spout splash blocks. Typical details are shown on contract drawing PLATE # 10 . All work shall be performed in accordance with Section 03 31 01.00 10. Unit of measurement shall be each (EA) installed pre-cast concrete splash block. Quantities and locations will be specified on the task order.	10	EA		0
C849	<b>Installation of Scupper Drains.</b>	The Contractor shall perform the installation of scupper drains in existing roof parapet walls. Typical details are shown on contract drawing PLATE # 16. All work shall be performed in accordance with Section 07 60 00. Unit of measurement shall be each (EA) installed scupper drain. Quantities and locations will be specified on the task order.	10	EA		0
C850	<b>Rubber Paint over Existing Roofing.</b>	The Contractor shall perform the application of rubber paint coating on existing pre-formed and/or corrugated metal sheet, asbestos-cement, concrete, and Ceramic Tiles roofs. Work includes application of rubber paint coating over existing roofing. All work shall be performed in accordance with Section 09 90 00. Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	1,500	SM		0

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C851	<b>Emergency repairs for roofing leaks.</b>	The Contractor shall perform emergency repairs on roofing leaks within the limits threshold of 16 hours of labor and \$3,000 of direct material cost. Emergency repairs shall be responded within 4 hours of the Government notification during Government regular working hours. If the emergency repair exceed the threshold contractor shall provide a Cost Proposal. Dimensions and locations will be specified on the task order. Contractor shall protect all the building interior area affected by the roof leak to prevent any damage.	10	EA		0
C900	<b>Exterior Paint extending from the ground level up to 3.75 LM above ground level.</b>	The Contractor shall prepare the surface and paint in accordance with SECTION 09 90 00 Paints and Coatings, this ELIN includes all the exterior surfaces up to 3.75LM above ground level and comprise all the surfaces included in the paint tables of SECTION 09 90 00. Locations and paint colors will be specified on each the task order or shall match to the existing color. The measurement method is provided in J-1503040-04	10,000	SM		0
C901	<b>Exterior Paint extending from 3.75LM above ground level up to 30LM above ground level.</b>	The Contractor shall prepare the surface and paint in accordance with SECTION 09 90 00 Paints and Coatings, this ELIN includes all the exterior surfaces from 3.75LM above ground level up to 30LM above ground level, and comprise all the surfaces included in the paint tables of SECTION 09 90 00. Locations and paint colors will be specified on each the task order or shall match to the existing color. The measurement method is provided in J-1503040-04.	20,000	SM		0
C902	<b>Interior Paint extending from the floor level up to 3.75LM above ground level.</b>	The Contractor shall prepare the surface and paint in accordance with SECTION 09 90 00 Paints and Coatings, this ELIN includes all the interior surfaces up to 3.75LM above floor level and comprise all the surfaces included in the paint tables of SECTION 09 90 00. Locations and paint colors will be specified on each the task order or shall match to the existing color. The measurement method is provided in J-1503040-04.	15,000	SM		0
C903	<b>Interior Paint extending from 3.75LM above floor level up to 30LM above floor level.</b>	The Contractor shall prepare the surface and paint in accordance with SECTION 09 90 00 Paints and Coatings, this ELIN includes all the interior surfaces up to 3.75LM above floor level and comprise all the surfaces included in the paint tables of SECTION 09 90 00. Locations and paint colors will be specified on each the task order or shall match to the existing color. The measurement method is provided in J-1503040-04.	30,000	SM		0
C1000	<b>Unit Priced Un-Skilled Labor Work (negotiated)</b>	Includes all labor and supervision required to perform miscellaneous unskilled work. Unskilled labor includes, but is not limited to the following types of trades: Laborer, Small Equipment Operator, Helper, etc. Dimensions and locations will be specified on the task order.	600	HR		0
C1001	<b>Miscellaneous Costs (negotiated)</b>	Includes all materials, equipment, and subcontracted effort required to perform miscellaneous work. Costs for materials, equipment, and subcontractor effort, not covered under any UPT, shall be negotiated as required for each task order. Units, dimensions, and locations will be specified on the task order.	1	LOT		0
<b>TOTAL OPTION PERIOD 2 IQ</b>						0

EXHIBIT LINE ITEM NUMBERS  
SOLICITATION NO. N33191-15-R-0823

PROVIDE UNIT PRICES FOR INDEFINITE DELIVERY INDEFINITE QUANTITY WORK

ELINs D700 through D1001

Third Period - Indefinite Quantity Work

<u>ELIN</u>	<u>SHORT DESCRIPTION</u>	<u>FULL DESCRIPTION</u>	<u>EST QTY</u>	<u>UNIT OF ISSUE</u>	<u>UNIT PRICE (USD)</u>	<u>TOTAL</u>
D700	<b>Demolition and Removal of Bituminous Asphalt Pavement</b>	The Contractor shall perform the demolition and removal of existing bituminous asphalt pavement. The asphalt pavement shall be saw cut, to a minimum depth of 10 cm, extending out 30.5 cm beyond the edge of the aggregate base to be removed. All saw cuts shall be made with vertical straight faces making one pair of faces at right angles to traffic flow. Typical details are shown on contract drawing PLATE # 10. Broken pavement, debris and resulting loose material shall be removed from limits of the station daily. All work shall be performed in accordance with Sections 01 57 19.00 20 - "Temporary Environmental Controls" & 02 41 00 - "Demolition". Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W). Dimensions and locations will be specified on the task order.	10,000	SM		0
D701	<b>Demolition and Removal of Aggregate Base</b>	The Contractor shall perform the demolition and removal of existing aggregate to a minimum depth of 20 cm. Typical details will be provided with each task order. Debris and resulting loose material shall be removed from limits of the station daily. All work shall be performed in accordance with Sections 01 57 19.00 20 - "Temporary Environmental Controls" & 02 41 00 - "Demolition". Unit of measurement shall be cubic meters (CM), as computed by multiplying, in meters, area length by width by depth (L x W x D). Dimensions and locations will be specified on the task order.	25,000	CM		0
D702	<b>Removal and Reinstallation or Disposal of Concrete Wheel Stops</b>	The Contractor shall perform the removal and reinstallation or disposal of existing concrete wheel stops. All work shall be performed in accordance with Sections 01 57 19.00 20 - "Temporary Environmental Controls" & 02 41 00 - "Demolition". Unit of measurement shall be Each (EA). Units and locations will be specified on the task order.	500	EA		0
D703	<b>Demolition and Removal of Concrete Curbs</b>	The Contractor shall perform the demolition and removal of existing pre-cast concrete curbs. All work shall be performed in accordance with Section 01 57 19.00 20 - "Temporary Environmental Controls" & 02 41 00 - "Demolition". Unit of measurement shall be linear meters (LM). Units and locations will be specified on the task order.	125	LM		0
D704	<b>Demolition and Removal of Storm Drainage Headwalls</b>	The Contractor shall perform the demolition and removal of existing storm drainage headwalls. Broken concrete, debris and resulting loose material shall be removed from limits of the station daily. All work shall be performed in accordance with Section 01 57 19.00 20 - "Temporary Environmental Controls" & 02 41 00 - "Demolition". Unit of measurement shall be Each (EA). Units and locations will be specified on the task order.	4	EA		0
D705	<b>Demolition and Removal of Concrete Pipe Culverts</b>	The Contractor shall perform the removal of existing pipe culverts. Old culvert pipe, debris and resulting loose material shall be removed from limits of the station daily. All work shall be performed in accordance with Section 01 57 19.00 20 - "Temporary Environmental Controls" & 02 41 00 - "Demolition". Unit of measurement shall be linear meters (LM). Units and locations will be specified on the task order.	100	LM		0

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D706	<b>Demolition and Removal of Concrete Sidewalks</b>	The Contractor shall perform demolition and removal of existing concrete sidewalks, all as indicated on the contract task order and site plans (as applicable). Where required and indicated, concrete shall be saw cut. Typical details will be provided with each task order. Broken concrete, debris and resulting loose material shall be removed from limits of the station daily. All work shall be performed in accordance with Sections 01 57 19.00 20-“Temporary Environmental Controls” & 02 41 00-“Demolition”.  Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) considering an average depth of 0.1m . Dimensions and locations will be specified on the task order.	1,500	SM		0
D707	<b>Cold Milling of Bituminous Asphalt Pavements</b>	The Contractor shall perform cold milling 6 cm depth on existing bituminous asphalt pavement. All debris and resulting loose milled material shall be removed from limits of the station daily. All work shall be performed in accordance with Sections 32 0116 17 - "Cold Milling". This ELIN# may be ordered in conjunction with work ordered under ELIN's #A735.  Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W). Dimensions and locations will be specified on the task order.	75,000	SM		0
D708	<b>Earthwork for Construction of Bituminous Asphalt Pavements</b>	The Contractor shall perform the general earthwork required for the construction of bituminous asphalt paved roads and parking lots. The work includes performing site preparation, excavation, compaction, removal of excess material and grading, all as necessary to construct bituminous asphalt paved roads, and parking lots at the finished grade and elevations indicated. Typical details are shown on contract drawing PLATE #'s 7 & 8. All work shall be performed in accordance with Section 31 23 00.00 20 - “Excavation and Fill”.  Unit of measurement shall be cubic meters (CM), as computed by multiplying, in meters, area length by width by depth (L x W x D). Dimensions, slopes and finished grade will be specified on the task order.	1,700	CM		0
D709	<b>Earthwork for Storm Sewer Pipe (4 meter max. depth)</b>	The Contractor shall perform the general excavation required for the installation storm drainage pipe. The work includes performing site preparation, excavation, installation of granular pipe bedding, backfill, compacting, removal of excess material and grading, all as necessary to install storm sewer pipe and other related appurtenances at the finished grade and elevations indicated. Maximum depth shall be 4 meter. Typical details are shown on contract drawing PLATE # 1. All work shall be performed in accordance with Section 31 23 00.00 20 - “Excavation and Fill”.  Unit of measurement shall be cubic meters (CM), as computed by multiplying, in meters, length by width by depth (L x W x D). Dimensions, slopes and finished grade will be specified on the task order.	150	CM		0
D710	<b>Earthwork for Storm Sewer Manholes (4 meter max. depth)</b>	The Contractor shall perform the general excavation required for the construction of storm sewer manholes. The work includes performing site preparation, excavation, backfill, compacting, removal of excess material and grading, all as necessary to install storm sewer manholes at the finished grade and elevations indicated. Maximum depth shall be 4 meter. Typical details are shown on contract drawing PLATE # 2. All work shall be performed in accordance with Section 31 23 00.00 20 - “Excavation and Fill”.  Unit of measurement shall be cubic meters (CM), as computed by multiplying, in meters, length by width by depth (L x W x D). Dimensions, slopes and finished grade will be specified on the task order.	60	CM		0

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D711	<b>Earthwork For Storm Drainage Channels/Reshaping (4 meter max. depth)</b>	The Contractor shall perform the general excavation required for the construction of storm drainage channels. The work includes performing site preparation, excavation for new channel and reshaping for old channel, backfill, compaction, installation of organic mat, removal of excess material and grading, all as necessary to construct storm drainage channels at the finished grade and elevations indicated. Typical details are shown on contract drawing PLATE # 3. All work shall be performed in accordance with Section 31 23 00.00 20 - "Excavation and Fill". Unit of measurement shall be cubic meters (CM), as computed by multiplying, in meters, length by width by depth (L x W x D). Dimensions, slopes and finished grade will be specified on the task order.	150	CM		0
D712	<b>Earthwork for Construction of Sidewalks</b>	The Contractor shall perform the general earthwork required for the construction of concrete sidewalks. The work includes performing site preparation, excavation, compaction, and removal of excess material and grading, all as necessary to construct concrete sidewalks at the finished grade and elevations indicated. Typical details are shown on contract drawing PLATE #18. All work shall be performed in accordance with Section 31 00 00 -"Earthwork". Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) considering an average depth of 0.1m . Dimensions and locations will be specified on the task order.	1,500	SM		0
D713	<b>Concrete Storm Sewer Pipe (Ø20 cm)</b>	The Contractor shall perform the installation of 20 cm. diameter concrete storm drainage pipe. The work includes providing granular pipe bedding material, concrete storm drainage pipe, fittings and joints at the finished grade and elevations indicated. Typical details are shown on contract drawing PLATE # 1. All work shall be performed in accordance with Sections 31 23 00.00 20 - "Excavation and Fill" and 33 40 01 - "Storm Drainage". Unit of measurement shall be linear meters (LM). Dimensions, slopes and locations will be specified on the task order	50	LM		0
D714	<b>Concrete Storm Sewer Pipe (Ø30 cm)</b>	The Contractor shall perform the installation of 30 cm. diameter concrete storm drainage pipe. The work includes providing granular pipe bedding material, concrete storm drainage pipe, fittings and joints at the finished grade and elevations indicated. Typical details are shown on contract drawing PLATE # 1. All work shall be performed in accordance with Sections 31 23 00.00 20 - "Excavation and Fill" and 33 40 01 - "Storm Drainage". Unit of measurement shall be linear meters (LM). Dimensions, slopes and locations will be specified on the task order	50	LM		0
D715	<b>Concrete Storm Sewer Pipe (Ø40 cm)</b>	The Contractor perform the installation of 40 cm. diameter concrete storm drainage pipe. The work includes providing granular pipe bedding material, concrete storm drainage pipe, fittings and joints at the finished grade and elevations indicated. Typical details are shown on contract drawing PLATE # 1. All work shall be performed in accordance with Sections 31 23 00.00 20 - "Excavation and Fill" and 33 40 01 - "Storm Drainage". Unit of measurement shall be linear meters (LM). Dimensions, slopes and locations will be specified on the task order	50	LM		0
D716	<b>Concrete Storm Sewer Pipe (Ø50 cm)</b>	The Contractor shall perform the installation of 50 cm. diameter concrete storm drainage pipe. The work includes providing granular pipe bedding material, concrete storm drainage pipe, fittings and joints at the finished grade and elevations indicated. Typical details are shown on contract drawing PLATE # 1. All work shall be performed in accordance with Sections 31 23 00.00 20 - "Excavation and Fill" and 33 40 01 - "Storm Drainage". Unit of measurement shall be linear meters (LM). Dimensions, slopes and locations will be specified on the task order	50	LM		0

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D717	<b>Concrete Storm Sewer Pipe (Ø60 cm)</b>	The Contractor shall perform the installation of 60 cm. diameter concrete storm drainage pipe. The work includes providing granular pipe bedding material, concrete storm drainage pipe, fittings and joints at the finished grade and elevations indicated. Typical details are shown on contract drawing PLATE # 1. All work shall be performed in accordance with Sections 31 23 00.00 20 - "Excavation and Fill" and 33 40 01 - "Storm Drainage". Unit of measurement shall be linear meters (LM). Dimensions, slopes and locations will be specified on the task order.	50	LM		0
D718	<b>PVC Storm Sewer Pipe (Ø12.5 cm)</b>	The Contractor shall perform the installation of 12.5 cm. diameter PVC storm drainage pipe. The work includes providing granular pipe bedding material, PVC storm drainage pipe, fittings and joints at the finished grade and elevations indicated. Typical details are shown on contract drawing PLATE # 3. All work shall be performed in accordance with Sections 31 23 00.00 20 - "Excavation and Fill" and 33 40 01 - "Storm Drainage". Unit of measurement shall be linear meters (LM). Dimensions, slopes and locations will be specified on the task order.	50	LM		0
D719	<b>PVC Storm Sewer Pipe (Ø16 cm)</b>	The Contractor shall perform the installation of 16 cm. diameter PVC storm drainage pipe. The work includes providing granular pipe bedding material, PVC storm drainage pipe, fittings and joints at the finished grade and elevations indicated. Typical details are shown on contract drawing PLATE # 3. All work shall be performed in accordance with Sections 31 23 00.00 20 - "Excavation and Fill" and 33 40 01 - "Storm Drainage". Unit of measurement shall be linear meters (LM). Dimensions, slopes and locations will be specified on the task order.	50	LM		0
D720	<b>PVC Storm Sewer Pipe (20 cm)</b>	The Contractor shall perform the installation of 20 cm. diameter PVC storm drainage pipe. The work includes providing granular pipe bedding material, PVC storm drainage pipe, fittings and joints at the finished grade and elevations indicated. Typical details are shown on contract drawing PLATE # 3. All work shall be performed in accordance with Sections 31 23 00.00 20 - "Excavation and Fill" and 33 40 01 - "Storm Drainage". Unit of measurement shall be linear meters (LM). Dimensions, slopes and locations will be specified on the task order.	50	LM		0
D721	<b>PVC Storm Sewer Pipe (Ø25 cm)</b>	The Contractor shall perform the installation of 25 cm. diameter PVC storm drainage pipe. The work includes providing granular pipe bedding material, PVC storm drainage pipe, fittings and joints at the finished grade and elevations indicated. Typical details are shown on contract drawing PLATE # 1. All work shall be performed in accordance with Sections 31 23 00.00 20 - "Excavation and Fill" and 33 40 01 - "Storm Drainage". Unit of measurement shall be linear meters (LM). Dimensions, slopes and locations will be specified on the task order.	50	LM		0
D722	<b>PVC Storm Sewer Pipe (Ø31.5 cm)</b>	The Contractor shall perform the installation of 31.5 cm. diameter PVC storm drainage pipe. The work includes providing granular pipe bedding material, PVC storm drainage pipe, fittings and joints at the finished grade and elevations indicated. Typical details are shown on contract drawing PLATE # 1. All work shall be performed in accordance with Sections 31 23 00.00 20 - "Excavation and Fill" and 33 40 01 - "Storm Drainage". Unit of measurement shall be linear meters (LM). Dimensions, slopes and locations will be specified on the task order.	50	LM		0
D723	<b>PVC Storm Sewer Pipe (Ø40 cm)</b>	The Contractor shall perform the installation of 40 cm. diameter PVC storm drainage pipe. The work includes providing granular pipe bedding material, PVC storm drainage pipe, fittings and joints at the finished grade and elevations indicated. Typical details are shown on contract drawing PLATE # 1. All work shall be performed in accordance with Sections 31 23 00.00 20 - "Excavation and Fill" and 33 40 01 - "Storm Drainage". Unit of measurement shall be linear meters (LM). Dimensions, slopes and locations will be specified on the task order.	50	LM		0

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D724	<b>Construct Storm Drainage Headwalls</b>	The Contractor shall perform the construction of reinforced concrete headwalls. The work includes performing site preparation, excavation and /or fill, forming, reinforcement, concrete placement, backfill, compaction, removal of excess material and grading, all as necessary to construct concrete storm drainage headwalls at the finished grades and elevations indicated. Typical details are shown on contract drawing PLATE # 5. All work shall be performed in accordance with Sections 31 23 00.00 20 - "Excavation and Fill", 33 40 01 - "Storm Drainage", and 03 33 00 - "Cast-In-Place Architectural Concrete". Unit of measurement shall be Each (EA). Units and locations will be specified on the task order.	4	EA		0
D725	<b>Install Pre-Cast Storm Sewer Manhole (0 - 1 meter depth)</b>	The Contractor shall perform the installation of pre-cast concrete storm sewer manholes. The work includes supply, delivery and installation of pre-cast concrete manholes, including manhole base, riser, eccentric cone, frames and covers, as applicable, and connection of pipe, all as necessary for the construction of concrete storm drainage manholes at the finished grades and elevations indicated. Typical details are shown on contract drawing PLATE # 2. All work shall be performed in accordance with Sections 31 23 00.00 20 - "Excavation and Fill", 33 40 01 - "Storm Drainage", 03 33 00 - "Cast-In-Place Architectural Concrete". Unit of measurement shall be EA (EA). Units and locations will be specified on the task order.	5	EA		0
D726	<b>Install Pre-Cast Storm Sewer Manhole (1 - 3 meter depth)</b>	The Contractor shall perform the installation of pre-cast concrete storm sewer manholes. The work includes supply, delivery and installation of pre-cast concrete manholes, including manhole base, riser, eccentric cone, frames and covers, as applicable, and connection of pipe, all as necessary for the construction of concrete storm drainage manholes at the finished grades and elevations indicated. Typical details are shown on contract drawing PLATE # 2. All work shall be performed in accordance with Sections 31 23 00.00 20 - "Excavation and Fill", 33 40 01 - "Storm Drainage", 03 33 00 - "Cast-In-Place Architectural Concrete". Unit of measurement shall be Each (EA). Units and locations will be specified on the task order.	5	EA		0
D727	<b>Install Pre-cast Concrete Storm Drainage Catch Basin</b>	The Contractor shall perform the installation of pre-cast concrete storm drainage catch basins. The work includes excavation, supply, delivery and installation of pre-cast concrete catch basins, including base, riser, frames and grating, as applicable, and connection to piping, all as necessary for the construction of concrete storm drainage catch basins at the finished grades and elevations indicated. Typical details are shown on contract drawing PLATE # 6. All work shall be performed in accordance with Sections 31 23 00.00 20 - "Excavation and Fill", 33 40 01 - "Storm Drainage". Unit of measurement shall be Each (EA). Units and locations will be specified on the task order.	6	EA		0
D728	<b>Construct Brick Storm Drainage Catch Basin</b>	The Contractor shall perform the fabrication of brick storm drainage catch basins. The work includes excavation, brick work, armored concrete base, riser, walls, patching and finish, frames and grating, as applicable, and connection to piping, all as necessary for the construction of brick storm drainage catch basins at the finished grades and elevations indicated. All work shall be performed in accordance with Sections 31 23 00.00 20 - "Excavation and Fill", 33 40 01 - "Storm Drainage". Unit of measurement shall be Each (EA). Units and locations will be specified on the task order.	12	EA		0

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D729	<b>Install Rip-Rap Storm Drainage Channel Lining</b>	The Contractor shall install rip-rap storm drainage channel lining. The work includes supply, delivery and installation of rip-rap channel lining. Typical detail is shown on contract drawing PLATE # 4. All work shall be performed in accordance with Sections 31 23 00.00 20 - "Excavation and Fill", 33 40 01 - "Storm Drainage", and 03 33 00 - "Cast-In-Place Architectural Concrete". Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width, (L x W). <i>Dimensions and locations will be specified on the task order</i>	50	SM		0
D730	<b>Up-rise Manhole</b>	The Contractor shall perform the uprising of manhole. The work includes performing removal of frame and cover, bricks placement, reinstallation of frame and cover, removal of excess material and grading, all as necessary to up-rise manhole at the finished grades and elevations indicated. Typical details are shown on contract drawing PLATE # 2. All work shall be performed in accordance with Section 33 40 01 - "Storm Drainage Utilities". Unit of measurement shall be Each (EA). Units and locations will be specified on the task order	5	EA		0
D731	<b>Up-rise Drainage Grate</b>	The Contractor shall perform the uprising of drainage grate. The work includes performing removal of frame and grate, bricks placement, reinstallation of frame and grate, removal of excess material and grading, all as necessary to up-rise drainage grate at the finished grades and elevations indicated. Typical details are shown on contract drawing PLATE # 6. All work shall be performed in accordance with Section 33 40 01 - "Storm Drainage". Unit of measurement shall be Each (EA). Units and locations will be specified on the task order	5	EA		0
D732	<b>Up-rise Valve or Meter Cover</b>	The Contractor shall perform the uprising of valve/meter cover. The work includes performing removal of frame and cover, bricks placement, reinstallation of frame and cover, removal of excess material and grading, all as necessary to up-rise frame and cover at the finished grades and elevations indicated. All work shall be performed in accordance with Section 33 40 01 - "Storm Drainage Utilities". Unit of measurement shall be Each (EA). Units and locations will be specified on the task order.	5	EA		0
D733	<b>Aggregate Sub-Base Course for Bituminous Asphalt Pavements</b>	The Contractor shall perform the placement of crushed aggregate sub-base course for the bituminous asphalt pavement. The work includes performing site preparation, scarifying existing sub-grade, placement of ZA-40 aggregate sub-base, grading and compaction, as necessary for the construction of bituminous asphalt pavement. Minimum sub-base thickness for bituminous asphalt pavement shall be 20 cm compacted to 98% modified proctor density. When damage affects the base and sub-base courses, the damaged courses shall be entirely replaced with new material, which shall match the existing. Typical details are shown on contract drawing PLATE #'s 7, 8 & 10. All work shall be performed in accordance with Section 32 11 24 - "Graded Crushed Aggregate Base Course for Flexible Pavement". Unit of measurement shall be cubic meters (CM), as computed by multiplying, in meters, area length by width by depth, (L x W x D). <i>Dimensions will be specified on the task order</i>	25,000	CM		0

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D734	<b>Aggregate Base Course for Bituminous Asphalt Pavements and Concrete Sidewalks</b>	The Contractor shall perform the placement of aggregate base course for bituminous asphalt pavement and concrete sidewalks. The work includes performing site preparation, placement of ZA-25 aggregate base, grading and compaction, as necessary for the construction of the bituminous asphalt pavement and concrete sidewalks. Minimum base thickness for bituminous asphalt pavement shall be 20cm compacted to 100% modified proctor density. Minimum base thickness for concrete sidewalks shall be 10 cm compacted to 98% modified proctor density. When damage affects the base and sub-base courses, the damaged courses shall be entirely replaced with new material. Typical details are shown on contract drawing PLATE #'s 7, 8, 10 & 18. All work shall be performed in accordance with Section 32 11 24 - "Graded Crushed Aggregate Base Course for Flexible Pavement". Unit of measurement shall be cubic meters (CM), as computed by multiplying, in meters, area length by width by depth, (L x W x D). Dimensions will be specified on the task order.	25,000	CM		0
D735	<b>Bituminous Asphalt Pavement Crack Sealing</b>	The Contractor shall perform crack repair in existing asphalt pavements. The work includes site preparation, cleaning and sealing of cracks by application of hot-poured asphalt cement or bitumen sealant. Typical details are shown on contract drawing PLATE # 9. All work shall be performed in accordance with Section 32 12 11 - "Bituminous Surface Treatment" or Section 32 01 22 "Bituminous Rejuvenation: Slurry Seal". Unit of measurement shall be linear meters (LM), as computed by measurement, in meters, area length (L). Work ordered under this ELIN may be in conjunction with work ordered under ELINS # A738 or #A739.	375	LM		0
D736	<b>Bituminous Asphalt Pavement Repair</b>	The Contractor shall perform repair of existing bituminous asphalt pavement. The work includes surface preparation, supply, delivery and placement of 10cm compacted hot bituminous asphalt cement and primer coat. Typical details are shown on contract drawing PLATE #10. All work shall be performed in accordance with Section 32 12 17 - "Hot Mix Bituminous Pavement" and Section 32 12 10 - "Bituminous Tack and Prime Coats". Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width, (L x W).	6,300	SM		0
D737	<b>Bituminous Asphalt Pavement Overlay</b>	The Contractor shall perform the application of bituminous asphalt pavement overlay to the existing pavement. The work includes surface preparation, supply, delivery, placement of 6 cm compacted hot bituminous asphalt cement D 12 wearing coat and tack coat. Typical details are shown on contract drawing PLATE # 11. All work shall be performed in accordance with Sections 32 12 17 - "Hot Mix Bituminous Pavement" and Section 32 12 10 - "Bituminous Tack and Prime Coats". Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width, (L x W). Work ordered under this ELIN may be in conjunction with work ordered under ELIN's # A707	100,000	SM		0
D738	<b>Bituminous Asphalt Pavement Slurry Seal</b>	The Contractor shall perform the application of slurry seal on existing pavement. The work includes all labor, materials, equipment, supervision and transportation required to perform the application of asphalt slurry seal to existing asphalt pavement. The work includes surface preparation, and application of asphalt slurry seal. Typical details are shown on contract drawing PLATE # 17. All work shall be performed in accordance with Sections 32 12 17 - "Bituminous Hot Mix Pavement" and 32 01 22 - "Bituminous Rejuvenation: Slurry Seal". Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width, (L x W). Dimensions will be specified on the task order. Work ordered under this ELIN may be in conjunction with work ordered under ELINS # A735 and/or #A736.	1,500	SM		0

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D739	<b>Bituminous Asphalt Pavement Surface Treatment</b>	The Contractor shall perform treatment on the bituminous asphalt pavement. The work includes all labor, materials, equipment, supervision and transportation required to perform the application of bituminous surface treatment. The work includes surface preparation and application of bituminous surface treatment. Typical details are shown on contract drawing PLATE # 17. All work shall be performed in accordance with Sections 32 12 17 Hot Mix Bituminous Pavement & Section 32 12 11-"Bituminous Surface Treatment". Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width, (L x W). Dimensions will be specified on the task order. Work ordered under this ELIN may be in conjunction with work ordered under ELINS # A735 and/or #A736.	15,300	SM		0
D740	<b>New Bituminous Asphalt Pavement</b>	The Contractor shall perform the application of new bituminous asphalt pavement. The work includes surface preparation, supply, delivery, placement of a 6 cm compacted bituminous asphalt pavement S 20 binder course, primer coat, 4 cm compacted bituminous asphalt pavement D 12 wearing course, and tack coat. Typical details are shown on contract drawing PLATE #'s 7 & 8. All work shall be performed in accordance with Section 32 12 17 - "Hot Mix Bituminous Pavement". Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length, by width, (L x W). Dimensions will be specified on the task order. Work ordered under this ELIN may be in conjunction with work ordered under ELIN's #A700, A708,& A734.	20,300	SM		0
D741	<b>Obliteration of Existing Bituminous Asphalt Pavement Road Markings</b>	The Contractor shall perform the obliteration of existing road markings. All work shall be performed in accordance with Section 32 17 23.00 20-"Pavement Markings". Unit of measurement shall be square meters (SM) of painted area, as computed by multiplying, in meters, area length, by width, (L x W). Dimensions and locations will be specified on the task order.	850	SM		0
D742	<b>Paint Solid Pavement Lines</b>	The Contractor shall perform the painting of solid pavement lines. The work includes surface preparation and painting of 10 cm wide solid pavement lines. Application of this ELIN will be used for pavement lateral lines, parking stall and diagonal no-parking lines. All work shall be performed in accordance with Section 32 17 23.00 20 -"Pavement Markings". Unit of measurement shall be linear meters (LM) of painted area. Paint colors, dimensions and locations will be specified on the task order.	1,700	LM		0
D743	<b>Paint Reflective Solid Pavement Lines</b>	The Contractor shall perform the painting of solid reflective pavement lines. The work includes surface preparation and painting of 10 cm (4 inch) wide solid pavement lines. Application of this ELIN will be used for pavement center and lateral lines only. All work shall be performed in accordance with Section 32 17 23.00 20 -"Pavement Markings". Unit of measurement shall be linear meters (LM) of painted area. Paint colors, dimensions and locations will be specified on the task order.	1,300	LM		0
D744	<b>Paint Center Pavement Lines</b>	The Contractor shall perform the painting of center pavement lines. The work includes surface preparation and painting of 10 cm wide center pavement lines. Application of this ELIN will be used for pavement lateral lines, parking stall and diagonal no-parking lines. All work shall be performed in accordance with Section 32 17 23.00 20 -"Pavement Markings". Unit of measurement shall be linear meters (LM) of painted area. Paint colors, dimensions and locations will be specified on the task order.	1,300	LM		0

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D745	<b>Paint Reflective Center Pavement Lines</b>	The Contractor shall perform the painting of center reflective pavement lines. The work includes surface preparation and painting of 10 cm (4 inch) wide reflective center pavement lines. Application of this ELIN will be used for pavement center and lateral lines only. All work shall be performed in accordance with Section 32 17 23.00 20 -"Pavement Markings". Unit of measurement shall be linear meters (LM) of painted area. Paint colors, dimensions and locations will be specified on the task order.	250	LM		0
D746	<b>Paint Concrete Wheel Stops and Curbs</b>	The Contractor shall perform the painting of existing concrete wheel stops and pavement curbs. The work includes surface preparation and painting of all designated exposed surfaces. All work shall be performed in accordance with Section 32 17 23.00 20 -"Pavement Markings". Unit of measurement shall be square meters (SM) of painted area, as computed by multiplying actual dimensions of paint length, by width, (L x W). Paint colors, dimensions and locations will be specified on the task order.	250	SM		0
D747	<b>Paint Pedestrian Crosswalk Markings</b>	The Contractor shall perform the painting of pedestrian crosswalk markings. The work includes surface preparation and painting. Typical details are shown on contract drawing PLATE # 14. All work shall be performed in accordance with Section 32 17 23.00 20 -"Pavement Markings". Unit of measurement shall be square meters (SM) of actual painted area, as computed by multiplying actual dimensions of paint length, by width, (L x W). Paint colors and locations will be specified on the task order.	200	SM		0
D748	<b>Paint Reflective Pedestrian Crosswalk Markings</b>	The Contractor shall perform the painting of reflective pedestrian crosswalk markings. The work includes surface preparation and painting. Typical details are shown on contract drawing PLATE # 14. All work shall be performed in accordance with Section 32 17 23.00 20 -"Pavement Markings". Unit of measurement shall be square meters (SM) of actual painted area, as computed by multiplying actual dimensions of paint length, by width, (L x W). Paint colors and locations will be specified on the task order.	200	SM		0
D749	<b>Paint Stop Markings</b>	The Contractor shall perform the painting of stop markings. The work includes surface preparation and painting. Typical details are shown on contract drawing PLATE # 14. All work shall be performed in accordance with Section 32 17 23.00 20 -"Pavement Markings". Unit of measurement shall be square meters (SM) of actual painted area, as computed by multiplying actual dimensions of paint length, by width, (L x W). Paint colors and locations will be specified on the task order.	40	SM		0
D750	<b>Paint Reflective Stop Markings</b>	The Contractor shall perform the painting of reflective stop markings. The work includes surface preparation and painting. Typical details are shown on contract drawing PLATE # 14. All work shall be performed in accordance with Section 32 17 23.00 20 -"Pavement Markings". Unit of measurement shall be square meters (SM) of actual painted area, as computed by multiplying actual dimensions of paint length, by width, (L x W). Paint colors and locations will be specified on the task order.	40	SM		0
D751	<b>Paint Yield Markings</b>	The Contractor shall perform the painting of yield markings. The work includes surface preparation and painting. Typical details are shown on contract drawing PLATE # 15. All work shall be performed in accordance with Section 32 17 23.00 20 -"Pavement Markings". Unit of measurement shall be Each (EA). Paint colors and locations will be specified on the task order.	13	EA		0

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D752	<b>Paint Reflective Yield Markings</b>	The Contractor shall perform the painting of yield markings. The work includes surface preparation and painting. Typical details are shown on contract drawing PLATE # 15. All work shall be performed in accordance with Section 32 17 23.00 20 -"Pavement Markings". Unit of measurement shall be Each (EA). Paint colors and locations will be specified on the task order.	13	EA		0
D753	<b>Paint Direction Arrows Markings</b>	The Contractor shall perform the painting of directional arrow markings. The work includes surface preparation and painting. Typical details are shown on contract drawing PLATE # 15. All work shall be performed in accordance with Section 32 17 23.00 20 -"Pavement Markings". Unit of measurement shall be EA (EA). Paint colors and locations will be specified on the task order. Unit of measurement shall be Each (EA). Paint colors and locations will be specified on the task order.	25	EA		0
D754	<b>Paint Reflective Direction Arrows Markings</b>	The Contractor shall perform the painting of reflective directional arrow markings. The work includes surface preparation and painting. Typical details are shown on contract drawing PLATE # 15. All work shall be performed in accordance with Section 32 17 23.00 20 -"Pavement Markings". Unit of measurement shall be Each (EA). Paint colors and locations will be specified on the task order.	13	EA		0
D755	<b>Paint Special Markings</b>	The Contractor shall perform the painting of special pavement markings, such as but not limited to, handicap parking symbols and "NO PARKING" letters. The work includes surface preparation and painting. Typical details are shown on contract drawing PLATE # 14. All work shall be performed in accordance with Section 32 17 23.00 20 -"Pavement Markings". Unit of measurement shall be square meters (SM) of actual painted area, as computed by multiplying actual dimensions of paint area length, by width, (L x W). Paint colors and locations will be specified on the task order.	25	SM		0
D756	<b>Pavement Traffic Road Reflectors</b>	The Contractor shall perform the installation of pavement traffic reflectors. The work includes supply, delivery, surface preparation and installation. All work shall be performed in accordance with Section 32 17 23.00 20 -"Pavement Markings". Unit of measurement shall be Each (EA). Reflector colors and locations will be specified on the task order.	25	EA		0
D757	<b>Pavement Striping</b>	The Contractor shall perform the re-striping of existing striped roads and to stripe newly paved or otherwise un-striped roads, in accordance with the Spanish law and PG-3. The work shall include all types of solid and reflective striping and pavement marking of all types, including but not limited to: obliteration of existing road markings, solid and broken striping center and lateral striping, pavement traffic reflectors, all pavement edge markings, turning radius markings, pedestrian crosswalk markings, directional arrows, stop or yield pavement markings, and any special markings required. Typical details are shown on contract drawing PLATE #S 14, & 15. All work shall be performed in accordance with Section 32 17 23.00 20 -"Pavement Markings". Unit of measurement shall be kilometer (KM) of painted area. Paint colors, dimensions and locations will be specified on the task order.	35	KM		0

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D758	<b>Parking Lot Striping</b>	The Contractor shall perform the re-stripping of existing striped parking lots same as existing and to stripe newly paved or otherwise un-striped parking areas. The work shall include all types of solid and reflective striping and pavement marking of all types, including but not limited to: obliteration of existing markings, solid and broken striping, pavement traffic reflectors, all pavement edge makings, turning radius markings, pedestrian crosswalk markings, directional arrows, stop or yield pavement markings, any special markings required, and concrete wheel stops and curbs. Typical details are shown on contract drawing PLATE #S 14, & 15. All work shall be performed in accordance with Section 32 17 23.00 20-“Pavement Markings”. Unit of measurement shall be square meter (SM) of painted area. Paint colors, dimensions and locations will be specified on the task order.	37,500	SM		0
D759	<b>Reinforced Sidewalks Construction</b>	The Contractor shall perform the construction of 10 cm thick reinforced concrete sidewalks. The work includes site preparation, construction and installation of forms, placement of WWF steel, concrete placement, installation of vapor barrier, installation of expansion joints and control joints, and finish. Typical details are shown on contract drawing PLATE #18. All work shall be performed in accordance with Section 03 33 00-“Cast-In-Place Architectural Concrete”. Unit of measurement shall be square meter (SM), as computed by multiplying, in meters, area length, by width, (L x W). Dimensions will be specified on the task order. Work ordered under this ELIN may be in conjunction with work ordered under ELINS # A712 and #A734.	1,500	SM		0
D760	<b>Concrete Wheel Stops</b>	The Contractor shall provide and install concrete wheel stops. The work includes fabrication and installation of concrete wheel stops. Typical wheel stop construction detail is shown on contract drawing PLATE # 16. All work shall be performed in accordance with Section 03 33 00 -“Cast-In-Place Architectural Concrete”. Unit of measurement shall be each (EA). Units and locations will be specified on the task order.	50	EA		0
D761	<b>Clean Culverts</b>	The Contractor shall clean culverts. The work includes removing dirt, debris and foreign matter that obstructs the interior of the culvert pipe. All work shall be performed in accordance with section 01 57 19.00 20 -“Temporary Environmental Controls”. Unit of measurement shall be linear meters (LM). Units and locations will be specified on the task order.	100	LM		0
D762	<b>Clean Storm Drainage Channels</b>	The Contractor shall clean storm drainage channels. The work includes removing dirt, debris and foreign matter that obstructs the drainage channel. All work shall be performed in accordance with section 01 57 19.00 20 -“Temporary Environmental Controls”. Unit of measurement shall be linear meters (LM). Units and locations will be specified on the task order.	2,500	LM		0
D763	<b>Install Pre-Cast Concrete Curbs</b>	The Contractor shall provide and install pre-cast concrete curbs. The work includes excavation, lean concrete and placement of pre-cast concrete curbs. Typical detail of pre-cast concrete curb installation is shown on contract drawing PLATE # 17. All work shall be performed in accordance with Section 03 33 00-“Cast-in-Place Architectural Concrete”. Unit of measurement shall be linear meters (LM). Units and locations will be specified on the task order.	100	LM		0
D764	<b>Replace Frame and Cover on Existing Utilities</b>	The Contractor shall replace frame and cover on existing utilities. The work includes removal and disposal of old frame and cover, and providing and installation of new frame and cover to new grade. All work shall be performed in accordance with Section 05 50 00 -“Metal Miscellaneous and Fabrications”. Unit of measurement shall be each (EA).	10	EA		0

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D765	<b>Install Guard Posts</b>	The Contractor shall install guard posts. The work includes site preparation, providing steel pipe, internal armoring and anchorage of post with concrete solidly and paint stripes. Typical guard post installation detail is shown on contract drawing PLATE # 16. All work shall be performed in accordance with Sections 05 50 00 -"Metal Miscellaneous and Fabrications" and 03 33 00 -"Cast-in-Place Architectural Concrete". Unit of measurement shall be each (EA).	25	EA		0
D766	<b>Topographical Surveying</b>	The Contractor shall perform topographical surveying at the job site in the area indicated. The work includes establishing benchmark of elevations and stake out the new grade spots elevation. The survey shall be made with elevations data, mean sea level at Alicante for maintenance and repair works. Should the works are for new construction, the survey shall be made with elevations data, mean sea level at Alicante and U.T.M coordinates which will be provided by the Government. All survey data shall be produced and submitted on AUTOCAD software, latest version. The Contractor shall submit all survey data to the Contracting Officer for approval. Submit all CAD files for the final drawings on CD ROM disks. Scan all files submitted for viruses using the latest version of a commercial scanning program. Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length, by width, (L x W).	25,300	SM		0
D767	<b>Site Plan Layout</b>	The Contractor shall perform and provide detailed drawings for exact sizes, exact numbers and detailed positioning of items and final as-built drawings that shall clearly depict the technical design of the facility. Drawings shall be in sufficient detail to show compliance with the contract requirements. All work shall be performed in accordance with Computer Aided Design and Drafting Policy. Drawings shall meet the applicable drawing standards specified in the Guide for Architect Engineer Firms available on the website for Atlantic Division, Naval Facilities Engineering Command. All drawings submitted for review shall be in D size, 24 inch x 36 inch, approximately 61 cm x 91 cm. Other drawing size may be used, if approved by the Contracting Officer. Use Naval Station Rota, Public Works Department Title Block. Unit of measurement shall be each (EA).	10	EA		0
D768	<b>Emergency Repairs Asphalt Pot Holes</b>	The Contractor shall perform emergency repairs to asphalt potholes within the limits threshold of 1sm per hole. Emergency repairs shall be responded within 4 hours of the Government notification during Government regular working hours. If the emergency repair exceed the threshold the Contractor shall provide a Cost Proposal. The work includes removal of all loose debris, broken pieces of pavement and dust. Fill pothole with ready-to-use bituminous polymer modified cold asphalt and spread with rake or shovel and compact cold asphalt with manual roller or tamper to just over the level of the existing pavement. Thickness and application in layers of the bituminous cold asphalt shall be done as recommended by the manufacturer. Cold asphalt patching material shall comply with "Cold Asphalt Specifications"	10	EA		0

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D800	<b>Removal of Corrugated and Pre-Formed Metal Sheet Roofing.</b>	The Contractor shall perform the removal of existing corrugated and pre-formed metal sheet roofing. All rubbish, debris and loose material resulting from removal of corrugated and pre-formed metal sheet roofing shall be removed from the limits of the Naval Station daily. All work shall be performed in accordance with Sections 01 57 19.00 20 & 02 41 00 Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	400	SM		0
D801	<b>Removal of Corrugated and Pre-Formed Metal Roofing Ridge.</b>	The Contractor shall perform the removal of existing corrugated and pre-formed metal roofing ridge. All rubbish, debris and loose material resulting from removal of corrugated and pre-formed metal roofing ridge shall be removed from limits of the Naval Station daily. All work shall be performed in accordance with Sections 01 57 19.00 20 & 02 41 00 Unit of measurement shall be linear meters (LM) of removed roof ridge. Dimensions and locations will be specified on the task order.	60	LM		0
D802	<b>Removal of Corrugated Cement-Asbestos Sheet Roofing.</b>	The Contractor shall perform the removal of existing cement-asbestos sheet roofing. All rubbish, debris and loose material resulting from removal of cement-asbestos sheet roofing shall be removed from limits of the Naval Station daily. All work shall be performed in accordance with Sections 01 57 19.00 20, 02 41 00 & 02 82 14.00 10 Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	1,000	SM		0
D803	<b>Removal of Corrugated Plastic Sheet Roofing.</b>	The Contractor shall perform the removal of existing corrugated plastic sheet roofing. All rubbish, debris and loose material resulting from removal of corrugated plastic sheet roofing shall be removed from limits of the Naval Station daily. All work shall be performed in accordance with Sections 01 57 19.00 20 & 02 41 00 Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	100	SM		0
D804	<b>Removal of Gravel Surfaced Bituminous Built-Up Roofing.</b>	The Contractor shall perform the removal of existing gravel surfaced bituminous built-up roofing. Work includes removal of existing loose gravel. All debris and loose material resulting from removal of gravel surfaced bituminous built-up roofing shall be removed from limits of the Naval Station daily. All work shall be performed in accordance with Sections 01 57 19.00 20 & 02 41 00 Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	250	SM		0

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D805	<b>Removal of Polymeric Asphalt Sheet Roofing.</b>	The Contractor shall perform the removal of existing polymeric asphalt sheet roofing. All debris and loose material resulting from removal of polymeric asphalt sheet roofing shall be removed from limits of the Naval Station daily. All work shall be performed in accordance with Sections 01 57 19.00 20 & 02 41 00 Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	2,000	SM		0
D806	<b>Removal of Inverted Insulated Roofing.</b>	The Contractor shall perform the removal of existing inverted insulated roofing. Includes removal of existing loose gravel ballast, insulation and all polymeric asphalt sheet roofing membranes, where applicable. All debris and loose material resulting from removal of inverted insulated roofing shall be removed from limits of the Naval Station daily. All work shall be performed in accordance with Sections 01 57 19.00 20 & 02 41 00 Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	600	SM		0
D807	<b>Removal of Loose Gravel Ballast.</b>	The Contractor shall perform the removal of existing loose gravel ballast from gravel surfaced bituminous built-up and inverted insulated roofing. All debris and loose material resulting from removal of loose gravel ballast shall be removed from limits of the Naval Station daily. All work shall be performed in accordance with Sections 01 57 19.00 20 & 02 41 00 Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	200	SM		0
D808	<b>Removal of Curved Arabic Tile Roofing.</b>	The Contractor shall perform the removal of existing curved Arabic tile roofing. All debris and loose material resulting from the removal of the curved Arabic tile roofing shall be removed from limits of the Naval Station daily. All work shall be performed in accordance with Sections 01 57 19.00 20 & 02 41 00 Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	200	SM		0
D809	<b>Removal of Rain Gutters and Down Spouts.</b>	The Contractor shall perform the removal of existing roof gutters and down spouts. Work includes removal of all gutter and/or down spout hangers and fasteners. All debris and loose material resulting from removal of gutters and down spouts shall be removed from limits of the Naval Station daily. All work shall be performed in accordance with Sections 01 57 19.00 20 & 02 41 00 Unit of measurement shall be linear meters (LM) of removed roof gutters and/or down spouts. Dimensions and locations will be specified on the task order.	400	LM		0

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D810	<b>Removal of Polyurethane Foam Roof.</b>	<p>The Contractor shall perform the removal of existing polyurethane foam roof. All debris and loose material resulting from the removal of existing polyurethane foam roof shall be removed from limits of the Naval Station daily. All work shall be performed in accordance with Sections 01 57 19.00 20 &amp; 02 41 00</p> <p>Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.</p>	1,000	SM		0
D811	<b>Installation of Corrugated Metal Sheet Roofing.</b>	<p>The Contractor shall perform the installation of corrugated metal sheet roofing. The work includes surface preparation, supply, delivery and installation of corrugated metal sheet roof, all as necessary so as to provide for a complete and functional roofing system. Where applicable, installed corrugated metal sheet roofing shall match existing and adjacent roofing in shape, size and profile. Typical details are shown on contract drawing PLATES #'s 1, 3 &amp; 11. All work shall be performed in accordance with Section 07 41 13 .</p> <p>Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.</p>	1,000	SM		0
D812	<b>Installation of Corrugated Sandwich Metal Sheet Roofing.</b>	<p>The Contractor shall perform the installation of corrugated sandwich metal sheet roofing. The work includes surface preparation, supply, delivery and installation of corrugated sandwich metal sheet roof, all as necessary so as to provide for a complete and functional roofing system. Where applicable, installed corrugated sandwich metal sheet roofing shall match existing and adjacent roofing in shape, size and profile. All work shall be performed in accordance with Section 07 41 13.</p> <p>Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.</p>	1,000	SM		0
D813	<b>Installation of Corrugated Metal Sheet Roofing Ridge.</b>	<p>The Contractor shall perform the installation of corrugated metal sheet roofing ridge. The work includes surface preparation, supply, task and installation of corrugated metal sheet roof ridge, all as necessary so as to provide for a complete and functional roofing system. Where applicable, installed corrugated metal sheet roofing ridge shall match existing and adjacent roofing ridge in shape, size and profile. Typical details are shown on contract drawing PLATES #'s 1, 3 &amp; 11. All work shall be performed in accordance with Section 07 41 13.</p> <p>Unit of measurement shall be linear meters (LM) of installed corrugated metal sheet roofing ridge. Dimensions and locations will be specified on the task order.</p>	30	LM		0

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D814	<b>Installation of Pre-Formed Metal Sheet Roofing.</b>	<p>The Contractor shall perform the installation of pre-formed metal sheet roofing. The work includes surface preparation, supply, delivery and installation of pre-formed metal sheet roof, all as necessary so as to provide for a complete and functional roofing system. Where applicable, installed pre-formed metal sheet roofing shall match existing and adjacent roofing in shape, size and profile. Typical details are shown on contract drawing PLATES #'s 1, 3 &amp; 11. All work shall be performed in accordance with Section 07 41 13.</p> <p>Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.</p>	200	SM		0
D815	<b>Installation of Pre-Formed Metal Sheet Roofing Ridge.</b>	<p>The Contractor shall perform the installation of pre-formed metal sheet roofing ridge. The work includes surface preparation, supply, task and installation of pre-formed metal sheet roof ridge, all as necessary so as to provide for a complete and functional roofing system. Where applicable, installed pre-formed metal sheet roofing ridge shall match existing and adjacent roofing ridge in shape, size and profile. Typical details are shown on contract drawing PLATES #'s 1, 3 &amp; 11. All work shall be performed in accordance with Section 07 41 13.</p> <p>Unit of measurement shall be linear meters (LM) of installed pre-formed metal sheet roofing ridge. Dimensions and locations will be specified on the task order.</p>	30	LM		0
D816	<b>Installation of Pre-Formed Sandwich Metal Sheet Roofing.</b>	<p>The Contractor shall perform the installation of pre-formed sandwich metal sheet roofing. The work includes surface preparation, supply, delivery and installation of pre-formed sandwich metal sheet roof, all as necessary so as to provide for a complete and functional roofing system. Where applicable, installed pre-formed sandwich metal sheet roofing shall match existing and adjacent roofing in shape, size and profile. All work shall be performed in accordance with Section 07 41 13.</p> <p>Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.</p>	200	SM		0
D817	<b>Re-Sealing of Pre-Formed and Corrugated Metal Sheet Roofing Joints and Overlaps.</b>	<p>The Contractor shall perform the re-sealing of pre-formed and corrugated metal sheet roofing joints and overlaps with a silicone-rubber base mastic caulking. Existing joint and/or overlap caulking shall be completely removed and the surface area to receive new caulking shall be thoroughly cleaned and prepared. Typical details are shown on contract drawing PLATES #'s 1, 3 &amp; 11. All work shall be performed in accordance with Sections 07 41 13 &amp; 07 92 00.</p> <p>Unit of measurement shall be linear meters (LM) of re-sealed pre-formed and/or corrugated metal sheet roofing joints and/or overlaps. Dimensions and locations will be specified on the task order.</p>	200	LM		0
D818	<b>Re-Sealing of Pre-Formed and Corrugated Metal Sheet Roofing Fasteners.</b>	<p>The Contractor shall perform the re-sealing of pre-formed and corrugated metal sheet roofing fasteners with a silicone-rubber base mastic caulking. Existing fasteners caulking shall be completely removed and the surface area to receive new caulking shall be thoroughly cleaned and prepared. Typical details are shown on contract drawing PLATES #'s 1, 3 &amp; 11. All work shall be performed in accordance with Sections 07 41 13 &amp; 07 92 00.</p> <p>Unit of measurement shall be each (EA) re-sealed pre-formed and/or corrugated metal sheet roofing fastener. Quantities and locations will be specified on the task order.</p>	200	EA		0

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D819	<b>Waterproofing of union between Pre-Formed and Corrugated Metal Sheet Roofing and Vertical walls.</b>	The Contractor shall perform the waterproofing of the union between pre-formed and corrugated metal sheet roofing with vertical surfaces by means of Styrene Butadiene Styrene (SBS) modified membrane. Where applicable, existing aluminum finished polymeric asphalt sheets or Styrene Butadiene Styrene (SBS) modified membrane shall be removed and the surface area to receive new Butadiene Styrene (SBS) modified membrane shall be thoroughly cleaned and prepared. Typical details are shown on contract drawing PLATES #'s 1, 3 & 11. All work shall be performed in accordance with Section 07 52 00 and 07 41 13. Unit of measurement shall be linear meters (LM) of installed polymeric asphalt sheet roofing at vertical junctions. Dimensions and locations will be specified on the task order.	50	LM		0
D820	<b>Installation of Corrugated Plastic Sheet Roofing.</b>	The Contractor shall perform the installation of corrugated plastic sheet roofing. The work , including surface preparation, supply, delivery and installation of corrugated plastic sheet roof, all as necessary so as to provide for a complete and functional roofing system. Where applicable, installed corrugated plastic sheet roofing shall match existing and adjacent roofing in shape, size, color and profile. Typical details are shown on contract drawing PLATE # 1, 3 & 11. All work shall be performed in accordance with Section 07 54 19. Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	100	SM		0
D821	<b>Installation of Corrugated Plastic Sheet Roofing Ridges.</b>	The Contractor shall perform the installation of corrugated plastic sheet roofing ridges. The work includes surface preparation, supply and installation of corrugated plastic sheet roofing ridges, all as necessary so as to provide for a complete and functional roofing system. Where applicable, installed corrugated plastic sheet roofing ridges shall match existing and adjacent roofing ridges in shape, size, color and profile. Typical details are shown on contract drawing PLATES #'s 1, 3 & 11. All work shall be performed in accordance with Section 07 54 19. Unit of measurement shall be linear meters (LM) installed corrugated plastic sheet roofing ridges. Dimensions and locations will be specified on the task order.	100	LM		0
D822	<b>Re-Sealing of Corrugated Plastic Sheet Roofing Joints and Overlaps.</b>	The Contractor shall perform the re-sealing of corrugated plastic sheet roofing joints and overlaps with a silicone-rubber base mastic caulking. Existing joint and/or overlap caulking shall be completely removed and the surface area to receive new caulking shall be thoroughly cleaned and prepared. Typical details are shown on contract drawing PLATES #'s 1, 3 & 11. All work shall be performed in accordance with Sections 07 54 19 & 07 92 00. Unit of measurement shall be linear meters (LM) of re-sealed corrugated plastic sheet roofing joints and/or overlaps. Dimensions and locations will be specified on the task order.	200	LM		0
D823	<b>Re-Sealing of Corrugated Plastic Sheet Roofing Fasteners.</b>	The Contractor shall perform the re-sealing of corrugated plastic sheet roofing fasteners with a silicone-rubber base mastic caulking. Existing fasteners caulking shall be completely removed and the surface area to receive new caulking shall be thoroughly cleaned and prepared. Typical details are shown on contract drawing PLATES #'s 1, 3 & 11. All work shall be performed in accordance with Sections 07 54 19 & 07 92 00. Unit of measurement shall be each (EA) re-sealed corrugated plastic sheet roofing fastener. Quantities and locations will be specified on the task order.	200	EA		0

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D824	<b>Waterproofing of union between Corrugated plastic Sheet Roofing and Vertical walls.</b>	The Contractor shall perform the waterproofing of the union between corrugated plastic sheet roofing with vertical surfaces by means of Styrene Butadiene Styrene (SBS) modified membrane. Where applicable, existing aluminum finished polymeric asphalt sheets or Styrene Butadiene Styrene (SBS) modified membrane shall be removed and the surface area to receive new Butadiene Styrene (SBS) modified membrane shall be thoroughly cleaned and prepared. Typical details are shown on contract drawing PLATES #'s 1, 3 & 11. All work shall be performed in accordance with Sections 07 52 00 and 07 54 19. Unit of measurement shall be linear meters (LM) of installed polymeric asphalt sheet roofing at vertical junctions. Dimensions and locations will be specified on the task order.	100	LM		0
D825	<b>Installation of Styrene Butadiene Styrene (SBS) Modified Bituminous membrane roofing on Existing "Sevillana" Tile Roofs.</b>	The Contractor shall perform the installation of Styrene Butadiene Styrene (SBS) Modified Bituminous membrane roofing on existing "Sevillana" roofing. The work includes surface preparation, supply, delivery and installation of Styrene Butadiene Styrene (SBS) Modified Bituminous membrane roofing on existing "Sevillana" tile roofing, all as necessary so as to provide for a complete and functional roofing system. Installation of crickets at junction of deck and vertical surfaces shall be ordered separately under ELIN A807. Typical details are shown on contract drawing PLATES #'s 4, 8, 9, 12, 14, 15 & 16. All work shall be performed in accordance with Section 07 52 00. Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Dimensions and locations will be specified on the task order.	200	SM		0
D826	<b>Installation of Styrene Butadiene Styrene (SBS) Modified Bituminous membrane Roofing on Concrete Roof Decks.</b>	The Contractor shall perform the installation of styrene butadiene styrene (SBS) modified bituminous membrane roofing on concrete roof decks. The work includes surface preparation, supply, delivery and installation of Styrene Butadiene Sstyrene (SBS) modified bituminous membrane roofing on concrete roof decks, all as necessary so as to provide for a complete and functional roofing system. Installation of crickets at junction of deck and vertical surfaces shall be ordered separately under ELIN A807. Typical details are shown on contract drawing PLATES #'s 4, 8, 9, 12, 14, 15 & 16. All work shall be performed in accordance with Section 07 52 00. Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Dimensions and locations will be specified on the task order.	10,000	SM		0
D827	<b>Installation of Insulated Concrete Roofing Systems.</b>	The Contractor shall perform the installation of insulated concrete roofing systems. Work includes installation of insulation, sloped cellular concrete and Styrene Butadiene Styrene (SBS) modified bituminous membrane plies, all as necessary so as to provide for a complete and functional roofing system. Averaged thickness of cellular concrete shall not exceed 10 cm. Typical details are shown on contract drawing PLATES #'s 4, 8, 9, 12, 13, 14, 15 & 16. All work shall be performed in accordance with Sections 03 52 00 and 07 52 00. Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	500	SM		0

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D828	<b>Installation of Curved Arabic Tile Roofing.</b>	The Contractor shall perform the installation of curved Arabic tile roofing. The work includes surface preparation, supply, delivery and installation of curved Arabic tile roofing, all as necessary so as to provide for a complete and functional roofing system. Where applicable, installed curved Arabic tile roofing shall match existing and adjacent roofing in shape, size, color and profile. Typical details are shown on contract drawing PLATES #'s 5, 6 & 7. All work shall be performed in accordance with Section 07 32 13. Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	200	SM		0
D829	<b>Installation of Curved Arabic Tile Roofing Ridges</b>	The Contractor shall perform the installation of curved Arabic tile roofing ridges. The work includes surface preparation, supply, task and installation of curved Arabic tile roofing ridges, all as necessary so as to provide for a complete and functional roofing system. Where applicable, installed curved Arabic tile roofing ridges shall match existing and adjacent roofing ridge in shape, size, color and profile. Typical details are shown on contract drawing PLATES #'s 5, 6 & 7. All work shall be performed in accordance with Section 07 32 13. Unit of measurement shall be linear meters (LM) installed curved Arabic tile roofing ridges. Dimensions and locations will be specified on the task order.	50	LM		0
D830	<b>Rubber Paint over existing Curved Arabic Tile Roofing.</b>	The Contractor shall perform the painting over the existing curved Arabic tile roofing. The work includes surface preparation, supply, delivery and clear rubber painting of curved Arabic tile roofing, all as necessary so as to provide for a complete and functional roofing system. All work shall be performed in accordance with Section 09 90 00. Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	7,500	SM		0
D831	<b>Installation of Sheet Metal Flashing on Aluminum Finished Polymeric (or SBS) Asphalt Sheet Roofing.</b>	The Contractor shall perform the installation of sheet metal flashing on aluminum finished polymeric (or SBS) asphalt sheet roofing. Typical details are shown on contract drawing PLATE # 4. All work shall be performed in accordance with Section 07 60 00. Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	50	SM		0
D832	<b>Installation of Sheet Metal Flashing on Parapet Copings.</b>	The Contractor shall perform the installation of sheet metal flashing on parapet copings. Typical details are shown on contract drawing PLATE # 8. All work shall be performed in accordance with Section 07 60 00. Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	100	SM		0

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D833	<b>Installation of Sheet Metal Expansion Joint Flashings.</b>	The Contractor shall perform the installation of sheet metal expansion joint Flashings. Typical details are shown on contract drawing PLATE # 9. All work shall be performed in accordance with Section 07 60 00. Unit of measurement shall be linear meters (LM) of installed sheet metal expansion joint Flashings. Dimensions and locations will be specified on the task order.	100	LM		0
D834	<b>Installation of Rain Gutters.</b>	The Contractor shall perform the installation of rain gutters. Work shall include all hangers and fasteners necessary for a complete and functional installation. Typical details are shown on contract drawing PLATE # 11. All work shall be performed in accordance with Section 07 60 00. Unit of measurement shall be linear meters (LM) of installed rain gutters. Dimensions and locations will be specified on the delivery order.	500	LM		0
D835	<b>Installation of Rain Gutters and/or Scupper Down Spouts.</b>	The Contractor shall perform the installation of rain gutters and/or scupper down spouts. Work shall include all hangers and fasteners necessary for a complete and functional installation. Typical details are shown on contract drawing PLATE # 10. All work shall be performed in accordance with Section 07 60 00. Unit of measurement shall be linear meters (LM) of installed rain gutters and/or scupper down spouts. Dimensions and locations will be specified on the task order.	100	LM		0
D836	<b>Installation of Down Spout Conductor Heads.</b>	The Contractor shall perform the installation of down spout conductor heads. Typical details are shown on contract drawing PLATE # 10. All work shall be performed in accordance with Section 07 60 00. Unit of measurement shall be each (EA) installed down spout heads. Quantities and locations will be specified on the task order.	25	EA		0
D837	<b>Application of Sprayed Polyurethane Foam (PUF) Roof Coating.</b>	The Contractor shall perform the application of sprayed polyurethane (PUF) roof coating on existing pre-formed and/or corrugated metal sheet, asbestos-cement, and curved Arabic red tile roofs. Work includes application of sprayed polyurethane and application of elastomeric roof coating. Typical details are shown on contract drawing PLATE # 2. All work shall be performed in accordance with Section 07 57 13. Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cms. (one foot) and under and all vertical walls over 30.48 cms. (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	1,200	SM		0
D838	<b>Re-application of Elastomeric Roof Coating Over Polyurethane Foam (PUF).</b>	The Contractor shall perform the re-application of elastomeric roof coating over existing polyurethane foam (PUF) roof coating. Work includes removal of insulation which become damaged, overexposed to weather, or contaminated such that they cannot be cleaned and repaired to the satisfaction of the coating applicator, and provide new insulation and re-application of elastomeric roof coating. Typical details are shown on contract drawing PLATE # 2. All work shall be performed in accordance with Section 07 57 13. Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cms. (one foot) and under and all vertical walls over 30.48 cms. (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	8,000	SM		0

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D839	<b>Re-paint Existing Polyurethane Foam.</b>	The Contractor shall perform the re-application of elastomeric roof coating over existing polyurethane foam coating. Work includes application of elastomeric roof coating over polyurethane foam. Typical details are shown on contract drawing PLATE # 2. All work shall be performed in accordance with Section 07 57 13. Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	8,000	SM		0
D840	<b>Installation of Inverted Insulated Roofing Systems.</b>	The Contractor shall perform the installation of inverted insulated roofing systems. Work includes installation of polymeric asphalt sheet roofing plies, polystyrene insulation and loose aggregate ballast, all as necessary so as to provide for a complete and functional roofing system. Typical details are shown on contract drawing PLATE # 13. All work shall be performed in accordance with Section 07 55 00. Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	600	SM		0
D841	<b>Installation of Crickets.</b>	The Contractor shall perform the installation of crickets at junctions of roof deck and vertical surfaces. All work shall be performed in accordance with Sections 03 52 00, 07 55 00 & 07 52 00, as applicable. Unit of measurement shall be linear meters (LM) of installed cricket. <u>Dimensions and locations will be specified on the task order.</u>	100	LM		0
D842	<b>Installation of Expansion Joints.</b>	The Contractor shall perform the installation of neoprene expansion joints at junctions of roof decks and vertical surfaces. Typical details are shown on contract drawing PLATE # 9. All work shall be performed in accordance with Section 07 60 00. Unit of measurement shall be linear meters (LM) of installed expansion joints. Dimensions and locations will be specified on the task order.	200	LM		0
D843	<b>Re-sealing of Expansion Joints.</b>	The Contractor shall perform the re-sealing of expansion joints with a silicone-rubber base mastic caulking. Existing joint caulking shall be completely removed and the surface area to receive new caulking shall be thoroughly cleaned and prepared. Typical details are shown on contract drawing PLATE # 9. All work shall be performed in accordance with Sections 07 60 00 & 07 92 00. Unit of measurement shall be linear meters (LM) of re-sealed expansion joint. Dimensions and locations will be specified on the task order.	320	LM		0
D844	<b>Forming of Slopes With Cellular Concrete.</b>	The Contractor shall perform the forming of slopes on existing concrete roof decks using cellular concrete. Averaged thickness of cellular concrete shall not exceed 10 cm. . Typical details are shown on contract drawing PLATES #'s 8, 9, 12, 13, 14, 15 & 16. All work shall be performed in accordance with Sections 07 55 00 & 07 52 00. Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	1,000	SM		0

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D845	<b>Installation of Roof Mounted Duct and Equipment Supports.</b>	The Contractor shall perform the installation of roof mounted duct and equipment supports. Typical details are shown on contract drawing PLATE # 15. All work shall be performed in accordance with Section 07 60 00. Unit of measurement shall be each (EA) installed roof mounted duct and/or equipment supports. Quantities and locations will be specified on the task order.	10	EA		0
D846	<b>Replacement of Drain Sumps and Strainers.</b>	The Contractor shall perform the replacement of existing drain sumps and strainers. Work , including demolition of existing concrete roof deck, removal of existing drain sump and strainer, installation of new roof drain sumps and strainers and patching of roof deck. Typical details are shown on contract drawing PLATE # 16. All work shall be performed in accordance with Section 07 60 00. Unit of measurement shall be each (EA) replaced roof drain sump and strainer. Quantities and locations will be specified on the task order.	10	EA		0
D847	<b>Replacement of Pre-Cast Concrete Parapet Copings.</b>	The Contractor shall perform the replacement of pre-cast concrete parapet copings. Work includes demolition and removal of existing pre-cast concrete parapet roof copings, installation of new pre-cast concrete parapet copings, patching of parapet walls and repainting to match adjacent surfaces. Typical details are shown on contract drawing PLATES #'s 8 & 13. All work shall be performed in accordance with Section 03 31 01.00 10. Unit of measurement shall be linear meters (LM) of replaced pre-cast concrete parapet copings. Dimensions and locations will be specified on the delivery order. Unit of measurement shall be linear meters (LM) of replaced pre-cast concrete parapet copings. Dimensions and locations will be specified on the task order.	50	LM		0
D848	<b>Installation of Pre-Cast Concrete Down Spout Splash Blocks.</b>	The Contractor shall perform the installation of pre-cast concrete down spout splash blocks. Typical details are shown on contract drawing PLATE # 10 . All work shall be performed in accordance with Section 03 31 01.00 10. Unit of measurement shall be each (EA) installed pre-cast concrete splash block. Quantities and locations will be specified on the task order.	10	EA		0
D849	<b>Installation of Scupper Drains.</b>	The Contractor shall perform the installation of scupper drains in existing roof parapet walls. Typical details are shown on contract drawing PLATE # 16. All work shall be performed in accordance with Section 07 60 00. Unit of measurement shall be each (EA) installed scupper drain. Quantities and locations will be specified on the task order.	10	EA		0
D850	<b>Rubber Paint over Existing Roofing.</b>	The Contractor shall perform the application of rubber paint coating on existing pre-formed and/or corrugated metal sheet, asbestos-cement, concrete, and Ceramic Tiles roofs. Work includes application of rubber paint coating over existing roofing. All work shall be performed in accordance with Section 09 90 00. Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	1,500	SM		0

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D851	<b>Emergency repairs for roofing leaks.</b>	The Contractor shall perform emergency repairs on roofing leaks within the limits threshold of 16 hours of labor and \$3,000 of direct material cost. Emergency repairs shall be responded within 4 hours of the Government notification during Government regular working hours. If the emergency repair exceed the threshold contractor shall provide a Cost Proposal. Dimensions and locations will be specified on the task order. Contractor shall protect all the building interior area affected by the roof leak to prevent any damage.	10	EA		0
D900	<b>Exterior Paint extending from the ground level up to 3.75 LM above ground level.</b>	The Contractor shall prepare the surface and paint in accordance with SECTION 09 90 00 Paints and Coatings, this ELIN includes all the exterior surfaces up to 3.75LM above ground level and comprise all the surfaces included in the paint tables of SECTION 09 90 00. Locations and paint colors will be specified on each the task order or shall match to the existing color. The measurement method is provided in J-1503040-04	10,000	SM		0
D901	<b>Exterior Paint extending from 3.75LM above ground level up to 30LM above ground level.</b>	The Contractor shall prepare the surface and paint in accordance with SECTION 09 90 00 Paints and Coatings, this ELIN includes all the exterior surfaces from 3.75LM above ground level up to 30LM above ground level, and comprise all the surfaces included in the paint tables of SECTION 09 90 00. Locations and paint colors will be specified on each the task order or shall match to the existing color. The measurement method is provided in J-1503040-04.	20,000	SM		0
D902	<b>Interior Paint extending from the floor level up to 3.75LM above ground level.</b>	The Contractor shall prepare the surface and paint in accordance with SECTION 09 90 00 Paints and Coatings, this ELIN includes all the interior surfaces up to 3.75LM above floor level and comprise all the surfaces included in the paint tables of SECTION 09 90 00. Locations and paint colors will be specified on each the task order or shall match to the existing color. The measurement method is provided in J-1503040-04.	15,000	SM		0
D903	<b>Interior Paint extending from 3.75LM above floor level up to 30LM above floor level.</b>	The Contractor shall prepare the surface and paint in accordance with SECTION 09 90 00 Paints and Coatings, this ELIN includes all the interior surfaces up to 3.75LM above floor level and comprise all the surfaces included in the paint tables of SECTION 09 90 00. Locations and paint colors will be specified on each the task order or shall match to the existing color. The measurement method is provided in J-1503040-04.	30,000	SM		0
D1000	<b>Unit Priced Un-Skilled Labor Work (negotiated)</b>	Includes all labor and supervision required to perform miscellaneous unskilled work. Unskilled labor includes, but is not limited to the following types of trades: Laborer, Small Equipment Operator, Helper, etc. Dimensions and locations will be specified on the task order.	600	HR		0
D1001	<b>Miscellaneous Costs (negotiated)</b>	Includes all materials, equipment, and subcontracted effort required to perform miscellaneous work. Costs for materials, equipment, and subcontractor effort, not covered under any UPT, shall be negotiated as required for each task order. Units, dimensions, and locations will be specified on the task order.	1	LOT		0
<b>TOTAL OPTION PERIOD 3 IQ</b>						0

EXHIBIT LINE ITEM NUMBERS						
SOLICITATION NO. N33191-15-R-0823						
PROVIDE UNIT PRICES FOR INDEFINITE DELIVERY INDEFINITE QUANTITY WORK						
ELINs E700 through E1001						
Fourth Period - Indefinite Quantity Work						
<u>ELIN</u>	<u>SHORT DESCRIPTION</u>	<u>FULL DESCRIPTION</u>	<u>EST QTY</u>	<u>UNIT OF ISSUE</u>	<u>UNIT PRICE (USD)</u>	<u>TOTAL</u>
E700	<b>Demolition and Removal of Bituminous Asphalt Pavement</b>	The Contractor shall perform the demolition and removal of existing bituminous asphalt pavement. The asphalt pavement shall be saw cut, to a minimum depth of 10 cm, extending out 30.5 cm beyond the edge of the aggregate base to be removed. All saw cuts shall be made with vertical straight faces making one pair of faces at right angles to traffic flow. Typical details are shown on contract drawing PLATE # 10. Broken pavement, debris and resulting loose material shall be removed from limits of the station daily. All work shall be performed in accordance with Sections 01 57 19.00 20 - "Temporary Environmental Controls" & 02 41 00 - "Demolition". Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W). Dimensions and locations will be specified on the task order.	10,000	SM		0
E701	<b>Demolition and Removal of Aggregate Base</b>	The Contractor shall perform the demolition and removal of existing aggregate to a minimum depth of 20 cm. Typical details will be provided with each task order. Debris and resulting loose material shall be removed from limits of the station daily. All work shall be performed in accordance with Sections 01 57 19.00 20 - "Temporary Environmental Controls" & 02 41 00 - "Demolition". Unit of measurement shall be cubic meters (CM), as computed by multiplying, in meters, area length by width by depth (L x W x D). Dimensions and locations will be specified on the task order.	25,000	CM		0
E702	<b>Removal and Reinstallation or Disposal of Concrete Wheel Stops</b>	The Contractor shall perform the removal and reinstallation or disposal of existing concrete wheel stops. All work shall be performed in accordance with Sections 01 57 19.00 20 - "Temporary Environmental Controls" & 02 41 00 - "Demolition". Unit of measurement shall be Each (EA). Units and locations will be specified on the task order.	500	EA		0
E703	<b>Demolition and Removal of Concrete Curbs</b>	The Contractor shall perform the demolition and removal of existing pre-cast concrete curbs. All work shall be performed in accordance with Section 01 57 19.00 20 - "Temporary Environmental Controls" & 02 41 00 - "Demolition". Unit of measurement shall be linear meters (LM). Units and locations will be specified on the task order.	125	LM		0
E704	<b>Demolition and Removal of Storm Drainage Headwalls</b>	The Contractor shall perform the demolition and removal of existing storm drainage headwalls. Broken concrete, debris and resulting loose material shall be removed from limits of the station daily. All work shall be performed in accordance with Section 01 57 19.00 20 - "Temporary Environmental Controls" & 02 41 00 - "Demolition". Unit of measurement shall be Each (EA). Units and locations will be specified on the task order.	4	EA		0
E705	<b>Demolition and Removal of Concrete Pipe Culverts</b>	The Contractor shall perform the removal of existing pipe culverts. Old culvert pipe, debris and resulting loose material shall be removed from limits of the station daily. All work shall be performed in accordance with Section 01 57 19.00 20 - "Temporary Environmental Controls" & 02 41 00 - "Demolition". Unit of measurement shall be linear meters (LM). Units and locations will be specified on the task order.	100	LM		0

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E706	<b>Demolition and Removal of Concrete Sidewalks</b>	The Contractor shall perform demolition and removal of existing concrete sidewalks, all as indicated on the contract task order and site plans (as applicable). Where required and indicated, concrete shall be saw cut. Typical details will be provided with each task order. Broken concrete, debris and resulting loose material shall be removed from limits of the station daily. All work shall be performed in accordance with Sections 01 57 19.00 20-“Temporary Environmental Controls” & 02 41 00-“Demolition”. Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) considering an average depth of 0.1m . Dimensions and locations will be specified on the task order.	1,500	SM		0
E707	<b>Cold Milling of Bituminous Asphalt Pavements</b>	The Contractor shall perform cold milling 6 cm depth on existing bituminous asphalt pavement. All debris and resulting loose milled material shall be removed from limits of the station daily. All work shall be performed in accordance with Sections 32 0116 17 - "Cold Milling". This ELIN# may be ordered in conjunction with work ordered under ELIN's #A735. Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W). Dimensions and locations will be specified on the task order.	75,000	SM		0
E708	<b>Earthwork for Construction of Bituminous Asphalt Pavements</b>	The Contractor shall perform the general earthwork required for the construction of bituminous asphalt paved roads and parking lots. The work includes performing site preparation, excavation, compaction, removal of excess material and grading, all as necessary to construct bituminous asphalt paved roads, and parking lots at the finished grade and elevations indicated. Typical details are shown on contract drawing PLATE #'s 7 & 8. All work shall be performed in accordance with Section 31 23 00.00 20 - “Excavation and Fill”. Unit of measurement shall be cubic meters (CM), as computed by multiplying, in meters, area length by width by depth (L x W x D). Dimensions, slopes and finished grade will be specified on the task order.	1,700	CM		0
E709	<b>Earthwork for Storm Sewer Pipe (4 meter max. depth)</b>	The Contractor shall perform the general excavation required for the installation storm drainage pipe. The work includes performing site preparation, excavation, installation of granular pipe bedding, backfill, compacting, removal of excess material and grading, all as necessary to install storm sewer pipe and other related appurtenances at the finished grade and elevations indicated. Maximum depth shall be 4 meter. Typical details are shown on contract drawing PLATE # 1. All work shall be performed in accordance with Section 31 23 00.00 20 - “Excavation and Fill”. Unit of measurement shall be cubic meters (CM), as computed by multiplying, in meters, length by width by depth (L x W x D). Dimensions, slopes and finished grade will be specified on the task order.	150	CM		0
E710	<b>Earthwork for Storm Sewer Manholes (4 meter max. depth)</b>	The Contractor shall perform the general excavation required for the construction of storm sewer manholes. The work includes performing site preparation, excavation, backfill, compacting, removal of excess material and grading, all as necessary to install storm sewer manholes at the finished grade and elevations indicated. Maximum depth shall be 4 meter. Typical details are shown on contract drawing PLATE # 2. All work shall be performed in accordance with Section 31 23 00.00 20 - “Excavation and Fill”. Unit of measurement shall be cubic meters (CM), as computed by multiplying, in meters, length by width by depth (L x W x D). Dimensions, slopes and finished grade will be specified on the task order.	60	CM		0

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E711	<b>Earthwork For Storm Drainage Channels/Reshaping (4 meter max. depth)</b>	The Contractor shall perform the general excavation required for the construction of storm drainage channels. The work includes performing site preparation, excavation for new channel and reshaping for old channel, backfill, compaction, installation of organic mat, removal of excess material and grading, all as necessary to construct storm drainage channels at the finished grade and elevations indicated. Typical details are shown on contract drawing PLATE # 3. All work shall be performed in accordance with Section 31 23 00.00 20 - "Excavation and Fill". Unit of measurement shall be cubic meters (CM), as computed by multiplying, in meters, length by width by depth (L x W x D). Dimensions, slopes and finished grade will be specified on the task order.	150	CM		0
E712	<b>Earthwork for Construction of Sidewalks</b>	The Contractor shall perform the general earthwork required for the construction of concrete sidewalks. The work includes performing site preparation, excavation, compaction, and removal of excess material and grading, all as necessary to construct concrete sidewalks at the finished grade and elevations indicated. Typical details are shown on contract drawing PLATE #18. All work shall be performed in accordance with Section 31 00 00 -"Earthwork". Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) considering an average depth of 0.1m . Dimensions and locations will be specified on the task order.	1,500	SM		0
E713	<b>Concrete Storm Sewer Pipe (Ø20 cm)</b>	The Contractor shall perform the installation of 20 cm. diameter concrete storm drainage pipe. The work includes providing granular pipe bedding material, concrete storm drainage pipe, fittings and joints at the finished grade and elevations indicated. Typical details are shown on contract drawing PLATE # 1. All work shall be performed in accordance with Sections 31 23 00.00 20 - "Excavation and Fill" and 33 40 01 - "Storm Drainage". Unit of measurement shall be linear meters (LM). Dimensions, slopes and locations will be specified on the task order.	50	LM		0
E714	<b>Concrete Storm Sewer Pipe (Ø30 cm)</b>	The Contractor shall perform the installation of 30 cm. diameter concrete storm drainage pipe. The work includes providing granular pipe bedding material, concrete storm drainage pipe, fittings and joints at the finished grade and elevations indicated. Typical details are shown on contract drawing PLATE # 1. All work shall be performed in accordance with Sections 31 23 00.00 20 - "Excavation and Fill" and 33 40 01 - "Storm Drainage". Unit of measurement shall be linear meters (LM). Dimensions, slopes and locations will be specified on the task order.	50	LM		0
E715	<b>Concrete Storm Sewer Pipe (Ø40 cm)</b>	The Contractor perform the installation of 40 cm. diameter concrete storm drainage pipe. The work includes providing granular pipe bedding material, concrete storm drainage pipe, fittings and joints at the finished grade and elevations indicated. Typical details are shown on contract drawing PLATE # 1. All work shall be performed in accordance with Sections 31 23 00.00 20 - "Excavation and Fill" and 33 40 01 - "Storm Drainage". Unit of measurement shall be linear meters (LM). Dimensions, slopes and locations will be specified on the task order.	50	LM		0
E716	<b>Concrete Storm Sewer Pipe (Ø50 cm)</b>	The Contractor shall perform the installation of 50 cm. diameter concrete storm drainage pipe. The work includes providing granular pipe bedding material, concrete storm drainage pipe, fittings and joints at the finished grade and elevations indicated. Typical details are shown on contract drawing PLATE # 1. All work shall be performed in accordance with Sections 31 23 00.00 20 - "Excavation and Fill" and 33 40 01 - "Storm Drainage". Unit of measurement shall be linear meters (LM). Dimensions, slopes and locations will be specified on the task order.	50	LM		0

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E717	<b>Concrete Storm Sewer Pipe (Ø60 cm)</b>	The Contractor shall perform the installation of 60 cm. diameter concrete storm drainage pipe. The work includes providing granular pipe bedding material, concrete storm drainage pipe, fittings and joints at the finished grade and elevations indicated. Typical details are shown on contract drawing PLATE # 1. All work shall be performed in accordance with Sections 31 23 00.00 20 - "Excavation and Fill" and 33 40 01 - "Storm Drainage". Unit of measurement shall be linear meters (LM). Dimensions, slopes and locations will be specified on the task order.	50	LM		0
E718	<b>PVC Storm Sewer Pipe (Ø12.5 cm)</b>	The Contractor shall perform the installation of 12.5 cm. diameter PVC storm drainage pipe. The work includes providing granular pipe bedding material, PVC storm drainage pipe, fittings and joints at the finished grade and elevations indicated. Typical details are shown on contract drawing PLATE # 3. All work shall be performed in accordance with Sections 31 23 00.00 20 - "Excavation and Fill" and 33 40 01 - "Storm Drainage". Unit of measurement shall be linear meters (LM). Dimensions, slopes and locations will be specified on the task order.	50	LM		0
E719	<b>PVC Storm Sewer Pipe (Ø16 cm)</b>	The Contractor shall perform the installation of 16 cm. diameter PVC storm drainage pipe. The work includes providing granular pipe bedding material, PVC storm drainage pipe, fittings and joints at the finished grade and elevations indicated. Typical details are shown on contract drawing PLATE # 3. All work shall be performed in accordance with Sections 31 23 00.00 20 - "Excavation and Fill" and 33 40 01 - "Storm Drainage". Unit of measurement shall be linear meters (LM). Dimensions, slopes and locations will be specified on the task order.	50	LM		0
E720	<b>PVC Storm Sewer Pipe (20 cm)</b>	The Contractor shall perform the installation of 20 cm. diameter PVC storm drainage pipe. The work includes providing granular pipe bedding material, PVC storm drainage pipe, fittings and joints at the finished grade and elevations indicated. Typical details are shown on contract drawing PLATE # 3. All work shall be performed in accordance with Sections 31 23 00.00 20 - "Excavation and Fill" and 33 40 01 - "Storm Drainage". Unit of measurement shall be linear meters (LM). Dimensions, slopes and locations will be specified on the task order.	50	LM		0
E721	<b>PVC Storm Sewer Pipe (Ø25 cm)</b>	The Contractor shall perform the installation of 25 cm. diameter PVC storm drainage pipe. The work includes providing granular pipe bedding material, PVC storm drainage pipe, fittings and joints at the finished grade and elevations indicated. Typical details are shown on contract drawing PLATE # 1. All work shall be performed in accordance with Sections 31 23 00.00 20 - "Excavation and Fill" and 33 40 01 - "Storm Drainage". Unit of measurement shall be linear meters (LM). Dimensions, slopes and locations will be specified on the task order.	50	LM		0
E722	<b>PVC Storm Sewer Pipe (Ø31.5 cm)</b>	The Contractor shall perform the installation of 31.5 cm. diameter PVC storm drainage pipe. The work includes providing granular pipe bedding material, PVC storm drainage pipe, fittings and joints at the finished grade and elevations indicated. Typical details are shown on contract drawing PLATE # 1. All work shall be performed in accordance with Sections 31 23 00.00 20 - "Excavation and Fill" and 33 40 01 - "Storm Drainage". Unit of measurement shall be linear meters (LM). Dimensions, slopes and locations will be specified on the task order.	50	LM		0

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E723	<b>PVC Storm Sewer Pipe (Ø40 cm)</b>	The Contractor shall perform the installation of 40 cm. diameter PVC storm drainage pipe. The work includes providing granular pipe bedding material, PVC storm drainage pipe, fittings and joints at the finished grade and elevations indicated. Typical details are shown on contract drawing PLATE # 1. All work shall be performed in accordance with Sections 31 23 00.00 20 - "Excavation and Fill" and 33 40 01 - "Storm Drainage". Unit of measurement shall be linear meters (LM). Dimensions, slopes and locations will be specified on the task order.	50	LM		0
E724	<b>Construct Storm Drainage Headwalls</b>	The Contractor shall perform the construction of reinforced concrete headwalls. The work includes performing site preparation, excavation and /or fill, forming, reinforcement, concrete placement, backfill, compaction, removal of excess material and grading, all as necessary to construct concrete storm drainage headwalls at the finished grades and elevations indicated. Typical details are shown on contract drawing PLATE # 5. All work shall be performed in accordance with Sections 31 23 00.00 20 - "Excavation and Fill", 33 40 01 - "Storm Drainage", and 03 33 00 -"Cast-In-Place Architectural Concrete". Unit of measurement shall be Each (EA). Units and locations will be specified on the task order.	4	EA		0
E725	<b>Install Pre-Cast Storm Sewer Manhole (0 - 1 meter depth)</b>	The Contractor shall perform the installation of pre-cast concrete storm sewer manholes. The work includes supply, delivery and installation of pre-cast concrete manholes, including manhole base, riser, eccentric cone, frames and covers, as applicable, and connection of pipe, all as necessary for the construction of concrete storm drainage manholes at the finished grades and elevations indicated. Typical details are shown on contract drawing PLATE # 2. All work shall be performed in accordance with Sections 31 23 00.00 20 - "Excavation and Fill", 33 40 01 - "Storm Drainage", 03 33 00 -"Cast-In-Place Architectural Concrete". Unit of measurement shall be EA (EA). Units and locations will be specified on the task order.	5	EA		0
E726	<b>Install Pre-Cast Storm Sewer Manhole (1 - 3 meter depth)</b>	The Contractor shall perform the installation of pre-cast concrete storm sewer manholes. The work includes supply, delivery and installation of pre-cast concrete manholes, including manhole base, riser, eccentric cone, frames and covers, as applicable, and connection of pipe, all as necessary for the construction of concrete storm drainage manholes at the finished grades and elevations indicated. Typical details are shown on contract drawing PLATE # 2. All work shall be performed in accordance with Sections 31 23 00.00 20 - "Excavation and Fill", 33 40 01 - "Storm Drainage", 03 33 00 -"Cast-In-Place Architectural Concrete". Unit of measurement shall be Each (EA). Units and locations will be specified on the task order.	5	EA		0
E727	<b>Install Pre-cast Concrete Storm Drainage Catch Basin</b>	The Contractor shall perform the installation of pre-cast concrete storm drainage catch basins. The work includes excavation, supply, delivery and installation of pre-cast concrete catch basins, including base, riser, frames and grating, as applicable, and connection to piping, all as necessary for the construction of concrete storm drainage catch basins at the finished grades and elevations indicated. Typical details are shown on contract drawing PLATE # 6. All work shall be performed in accordance with Sections 31 23 00.00 20 - "Excavation and Fill", 33 40 01 - "Storm Drainage". Unit of measurement shall be Each (EA). Units and locations will be specified on the task order.	6	EA		0

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E728	<b>Construct Brick Storm Drainage Catch Basin</b>	The Contractor shall perform the fabrication of brick storm drainage catch basins. The work includes excavation, brick work, armored concrete base, riser, walls, patching and finish, frames and grating, as applicable, and connection to piping, all as necessary for the construction of brick storm drainage catch basins at the finished grades and elevations indicated. All work shall be performed in accordance with Sections 31 23 00.00 20 - "Excavation and Fill", 33 40 01 - "Storm Drainage". Unit of measurement shall be Each (EA). Units and locations will be specified on the task order.	12	EA		0
E729	<b>Install Rip-Rap Storm Drainage Channel Lining</b>	The Contractor shall install rip-rap storm drainage channel lining. The work includes supply, delivery and installation of rip-rap channel lining. Typical detail is shown on contract drawing PLATE # 4. All work shall be performed in accordance with Sections 31 23 00.00 20 - "Excavation and Fill", 33 40 01 - "Storm Drainage", and 03 33 00 - "Cast-In-Place Architectural Concrete". Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width, (L x W). <del>Dimensions and locations will be specified on the task order</del>	50	SM		0
E730	<b>Up-rise Manhole</b>	The Contractor shall perform the uprising of manhole. The work includes performing removal of frame and cover, bricks placement, reinstallation of frame and cover, removal of excess material and grading, all as necessary to up-rise manhole at the finished grades and elevations indicated. Typical details are shown on contract drawing PLATE # 2. All work shall be performed in accordance with Section 33 40 01 - "Storm Drainage Utilities". Unit of measurement shall be Each (EA). Units and locations will be <del>specified on the task order</del>	5	EA		0
E731	<b>Up-rise Drainage Grate</b>	The Contractor shall perform the uprising of drainage grate. The work includes performing removal of frame and grate, bricks placement, reinstallation of frame and grate, removal of excess material and grading, all as necessary to up-rise drainage grate at the finished grades and elevations indicated. Typical details are shown on contract drawing PLATE # 6. All work shall be performed in accordance with Section 33 40 01 - "Storm Drainage". Unit of measurement shall be Each (EA). Units and locations will be <del>specified on the task order</del>	5	EA		0
E732	<b>Up-rise Valve or Meter Cover</b>	The Contractor shall perform the uprising of valve/meter cover. The work includes performing removal of frame and cover, bricks placement, reinstallation of frame and cover, removal of excess material and grading, all as necessary to up-rise frame and cover at the finished grades and elevations indicated. All work shall be performed in accordance with Section 33 40 01 - "Storm Drainage Utilities". Unit of measurement shall be Each (EA). Units and locations will be specified on the task order.	5	EA		0

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E733	<b>Aggregate Sub-Base Course for Bituminous Asphalt Pavements</b>	The Contractor shall perform the placement of crushed aggregate sub-base course for the bituminous asphalt pavement. The work includes performing site preparation, scarifying existing sub-grade, placement of ZA-40 aggregate sub-base, grading and compaction, as necessary for the construction of bituminous asphalt pavement. Minimum sub-base thickness for bituminous asphalt pavement shall be 20 cm compacted to 98% modified proctor density. When damage affects the base and sub-base courses, the damaged courses shall be entirely replaced with new material, which shall match the existing. Typical details are shown on contract drawing PLATE #'s 7, 8 & 10. All work shall be performed in accordance with Section 32 11 24 - "Graded Crushed Aggregate Base Course for Flexible Pavement". Unit of measurement shall be cubic meters (CM), as computed by multiplying, in meters, area length by width by depth, (L x W x D). Dimensions will be specified on the task order.	25,000	CM		0
E734	<b>Aggregate Base Course for Bituminous Asphalt Pavements and Concrete Sidewalks</b>	The Contractor shall perform the placement of aggregate base course for bituminous asphalt pavement and concrete sidewalks. The work includes performing site preparation, placement of ZA-25 aggregate base, grading and compaction, as necessary for the construction of the bituminous asphalt pavement and concrete sidewalks. Minimum base thickness for bituminous asphalt pavement shall be 20cm compacted to 100% modified proctor density. Minimum base thickness for concrete sidewalks shall be 10 cm compacted to 98% modified proctor density. When damage affects the base and sub-base courses, the damaged courses shall be entirely replaced with new material. Typical details are shown on contract drawing PLATE #'s 7, 8, 10 & 18. All work shall be performed in accordance with Section 32 11 24 - "Graded Crushed Aggregate Base Course for Flexible Pavement". Unit of measurement shall be cubic meters (CM), as computed by multiplying, in meters, area length by width by depth, (L x W x D). Dimensions will be specified on the task order.	25,000	CM		0
E735	<b>Bituminous Asphalt Pavement Crack Sealing</b>	The Contractor shall perform crack repair in existing asphalt pavements. The work includes site preparation, cleaning and sealing of cracks by application of hot-poured asphalt cement or bitumen sealant. Typical details are shown on contract drawing PLATE # 9. All work shall be performed in accordance with Section 32 12 11 - "Bituminous Surface Treatment" or Section 32 01 22 "Bituminous Rejuvenation: Slurry Seal". Unit of measurement shall be linear meters (LM), as computed by measurement, in meters, area length (L). Work ordered under this ELIN may be in conjunction with work ordered under ELINS # A738 or #A739.	375	LM		0
E736	<b>Bituminous Asphalt Pavement Repair</b>	The Contractor shall perform repair of existing bituminous asphalt pavement. The work includes surface preparation, supply, delivery and placement of 10cm compacted hot bituminous asphalt cement and primer coat. Typical details are shown on contract drawing PLATE #10. All work shall be performed in accordance with Section 32 12 17 - "Hot Mix Bituminous Pavement" and Section 32 12 10 - "Bituminous Tack and Prime Coats". Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width, (L x W)	6,300	SM		0

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E737	<b>Bituminous Asphalt Pavement Overlay</b>	The Contractor shall perform the application of bituminous asphalt pavement overlay to the existing pavement. The work includes surface preparation, supply, delivery, placement of 6 cm compacted hot bituminous asphalt cement D 12 wearing coat and tack coat. Typical details are shown on contract drawing PLATE # 11. All work shall be performed in accordance with Sections 32 12 17 - "Hot Mix Bituminous Pavement" and Section 32 12 10 - "Bituminous Tack and Prime Coats". Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width, (L x W). Work ordered under this ELIN may be in conjunction with work ordered under ELIN's # A707	100,000	SM		0
E738	<b>Bituminous Asphalt Pavement Slurry Seal</b>	The Contractor shall perform the application of slurry seal on existing pavement. The work includes all labor, materials, equipment, supervision and transportation required to perform the application of asphalt slurry seal to existing asphalt pavement. The work includes surface preparation, and application of asphalt slurry seal. Typical details are shown on contract drawing PLATE # 17. All work shall be performed in accordance with Sections 32 12 17 -"Bituminous Hot Mix Pavement" and 32 01 22 - "Bituminous Rejuvenation: Slurry Seal". Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width, (L x W). Dimensions will be specified on the task order. Work ordered under this ELIN may be in conjunction with work ordered under ELINS # A735 and/or #A736.	1,500	SM		0
E739	<b>Bituminous Asphalt Pavement Surface Treatment</b>	The Contractor shall perform treatment on the bituminous asphalt pavement. The work includes all labor, materials, equipment, supervision and transportation required to perform the application of bituminous surface treatment. The work includes surface preparation and application of bituminous surface treatment. Typical details are shown on contract drawing PLATE # 17. All work shall be performed in accordance with Sections 32 12 17 Hot Mix Bituminous Pavement & Section 32 12 11-"Bituminous Surface Treatment". Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width, (L x W). Dimensions will be specified on the task order. Work ordered under this ELIN may be in conjunction with work ordered under ELINS # A735 and/or #A736.	15,300	SM		0
E740	<b>New Bituminous Asphalt Pavement</b>	The Contractor shall perform the application of new bituminous asphalt pavement. The work includes surface preparation, supply, delivery, placement of a 6 cm compacted bituminous asphalt pavement S 20 binder course, primer coat, 4 cm compacted bituminous asphalt pavement D 12 wearing course, and tack coat. Typical details are shown on contract drawing PLATE #'s 7 & 8. All work shall be performed in accordance with Section 32 12 17 - "Hot Mix Bituminous Pavement". Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length, by width, (L x W). Dimensions will be specified on the task order. Work ordered under this ELIN may be in conjunction with work ordered under ELIN's #A700, A708,& A734.	20,300	SM		0
E741	<b>Obliteration of Existing Bituminous Asphalt Pavement Road Markings</b>	The Contractor shall perform the obliteration of existing road markings. All work shall be performed in accordance with Section 32 17 23.00 20-"Pavement Markings". Unit of measurement shall be square meters (SM) of painted area, as computed by multiplying, in meters, area length, by width, (L x W). Dimensions and locations will be specified on the task order.	850	SM		0

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E742	<b>Paint Solid Pavement Lines</b>	The Contractor shall perform the painting of solid pavement lines. The work includes surface preparation and painting of 10 cm wide solid pavement lines. Application of this ELIN will be used for pavement lateral lines, parking stall and diagonal no-parking lines. All work shall be performed in accordance with Section 32 17 23.00 20 -"Pavement Markings". Unit of measurement shall be linear meters (LM) of painted area. Paint colors, dimensions and locations will be specified on the task order.	1,700	LM		0
E743	<b>Paint Reflective Solid Pavement Lines</b>	The Contractor shall perform the painting of solid reflective pavement lines. The work includes surface preparation and painting of 10 cm (4 inch) wide solid pavement lines. Application of this ELIN will be used for pavement center and lateral lines only. All work shall be performed in accordance with Section 32 17 23.00 20 -"Pavement Markings". Unit of measurement shall be linear meters (LM) of painted area. Paint colors, dimensions and locations will be specified on the task order.	1,300	LM		0
E744	<b>Paint Center Pavement Lines</b>	The Contractor shall perform the painting of center pavement lines. The work includes surface preparation and painting of 10 cm wide center pavement lines. Application of this ELIN will be used for pavement lateral lines, parking stall and diagonal no-parking lines. All work shall be performed in accordance with Section 32 17 23.00 20 -"Pavement Markings". Unit of measurement shall be linear meters (LM) of painted area. Paint colors, dimensions and locations will be specified on the task order.	1,300	LM		0
E745	<b>Paint Reflective Center Pavement Lines</b>	The Contractor shall perform the painting of center reflective pavement lines. The work includes surface preparation and painting of 10 cm (4 inch) wide reflective center pavement lines. Application of this ELIN will be used for pavement center and lateral lines only. All work shall be performed in accordance with Section 32 17 23.00 20 -"Pavement Markings". Unit of measurement shall be linear meters (LM) of painted area. Paint colors, dimensions and locations will be specified on the task order.	250	LM		0
E746	<b>Paint Concrete Wheel Stops and Curbs</b>	The Contractor shall perform the painting of existing concrete wheel stops and pavement curbs. The work includes surface preparation and painting of all designated exposed surfaces. All work shall be performed in accordance with Section 32 17 23.00 20 -"Pavement Markings". Unit of measurement shall be square meters (SM) of painted area, as computed by multiplying actual dimensions of paint length, by width, (L x W). Paint colors, dimensions and locations will be specified on the task order.	250	SM		0
E747	<b>Paint Pedestrian Crosswalk Markings</b>	The Contractor shall perform the painting of pedestrian crosswalk markings. The work includes surface preparation and painting. Typical details are shown on contract drawing PLATE # 14. All work shall be performed in accordance with Section 32 17 23.00 20 -"Pavement Markings". Unit of measurement shall be square meters (SM) of actual painted area, as computed by multiplying actual dimensions of paint length, by width, (L x W). Paint colors and locations will be specified on the task order.	200	SM		0

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E748	<b>Paint Reflective Pedestrian Crosswalk Markings</b>	The Contractor shall perform the painting of reflective pedestrian crosswalk markings. The work includes surface preparation and painting. Typical details are shown on contract drawing PLATE # 14. All work shall be performed in accordance with Section 32 17 23.00 20 -"Pavement Markings". Unit of measurement shall be square meters (SM) of actual painted area, as computed by multiplying actual dimensions of paint length, by width, (L x W). Paint colors and locations will be specified on the task order.	200	SM		0
E749	<b>Paint Stop Markings</b>	The Contractor shall perform the painting of stop markings. The work includes surface preparation and painting. Typical details are shown on contract drawing PLATE # 14. All work shall be performed in accordance with Section 32 17 23.00 20 -"Pavement Markings". Unit of measurement shall be square meters (SM) of actual painted area, as computed by multiplying actual dimensions of paint length, by width, (L x W). Paint colors and locations will be specified on the task order.	40	SM		0
E750	<b>Paint Reflective Stop Markings</b>	The Contractor shall perform the painting of reflective stop markings. The work includes surface preparation and painting. Typical details are shown on contract drawing PLATE # 14. All work shall be performed in accordance with Section 32 17 23.00 20-"Pavement Markings". Unit of measurement shall be square meters (SM) of actual painted area, as computed by multiplying actual dimensions of paint length, by width, (L x W). Paint colors and locations will be specified on the task order.	40	SM		0
E751	<b>Paint Yield Markings</b>	The Contractor shall perform the painting of yield markings. The work includes surface preparation and painting. Typical details are shown on contract drawing PLATE # 15. All work shall be performed in accordance with Section 32 17 23.00 20 -"Pavement Markings". Unit of measurement shall be Each (EA). Paint colors and locations will be specified on the task order.	13	EA		0
E752	<b>Paint Reflective Yield Markings</b>	The Contractor shall perform the painting of yield markings. The work includes surface preparation and painting. Typical details are shown on contract drawing PLATE # 15. All work shall be performed in accordance with Section 32 17 23.00 20 -"Pavement Markings". Unit of measurement shall be Each (EA). Paint colors and locations will be specified on the task order.	13	EA		0
E753	<b>Paint Direction Arrows Markings</b>	The Contractor shall perform the painting of directional arrow markings. The work includes surface preparation and painting. Typical details are shown on contract drawing PLATE # 15. All work shall be performed in accordance with Section 32 17 23.00 20 -"Pavement Markings". Unit of measurement shall be EA (EA). Paint colors and locations will be specified on the task order. Unit of measurement shall be Each (EA). Paint colors and locations will be specified on the task order.	25	EA		0
E754	<b>Paint Reflective Direction Arrows Markings</b>	The Contractor shall perform the painting of reflective directional arrow markings. The work includes surface preparation and painting. Typical details are shown on contract drawing PLATE # 15. All work shall be performed in accordance with Section 32 17 23.00 20 -"Pavement Markings". Unit of measurement shall be Each (EA). Paint colors and locations will be specified on the task order.	13	EA		0

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E755	<b>Paint Special Markings</b>	The Contractor shall perform the painting of special pavement markings, such as but not limited to, handicap parking symbols and "NO PARKING" letters. The work includes surface preparation and painting. Typical details are shown on contract drawing PLATE # 14. All work shall be performed in accordance with Section 32 17 23.00 20 -"Pavement Markings". Unit of measurement shall be square meters (SM) of actual painted area, as computed by multiplying actual dimensions of paint area length, by width, (L x W). Paint colors and locations will be specified on the task order.	25	SM		0
E756	<b>Pavement Traffic Road Reflectors</b>	The Contractor shall perform the installation of pavement traffic reflectors. The work includes supply, delivery, surface preparation and installation. All work shall be performed in accordance with Section 32 17 23.00 20 -"Pavement Markings". Unit of measurement shall be Each (EA). Reflector colors and locations will be specified on the task order.	25	EA		0
E757	<b>Pavement Striping</b>	The Contractor shall perform the re-striping of existing striped roads and to stripe newly paved or otherwise un-striped roads, in accordance with the Spanish law and PG-3. The work shall include all types of solid and reflective striping and pavement marking of all types, including but not limited to: obliteration of existing road markings, solid and broken striping center and lateral striping, pavement traffic reflectors, all pavement edge markings, turning radius markings, pedestrian crosswalk markings, directional arrows, stop or yield pavement markings, and any special markings required. Typical details are shown on contract drawing PLATE #S 14, & 15. All work shall be performed in accordance with Section 32 17 23.00 20 -"Pavement Markings". Unit of measurement shall be kilometer (KM) of painted area. Paint colors, dimensions and locations will be specified on the task order.	35	KM		0
E758	<b>Parking Lot Striping</b>	The Contractor shall perform the re-striping of existing striped parking lots same as existing and to stripe newly paved or otherwise un-striped parking areas. The work shall include all types of solid and reflective striping and pavement marking of all types, including but not limited to: obliteration of existing markings, solid and broken striping, pavement traffic reflectors, all pavement edge makings, turning radius markings, pedestrian crosswalk markings, directional arrows, stop or yield pavement markings, any special markings required, and concrete wheel stops and curbs. Typical details are shown on contract drawing PLATE #S 14, & 15. All work shall be performed in accordance with Section 32 17 23.00 20-"Pavement Markings". Unit of measurement shall be square meter (SM) of painted area. Paint colors, dimensions and locations will be specified on the task order.	37,500	SM		0
E759	<b>Reinforced Sidewalks Construction</b>	The Contractor shall perform the construction of 10 cm thick reinforced concrete sidewalks. The work includes site preparation, construction and installation of forms, placement of WWF steel, concrete placement, installation of vapor barrier, installation of expansion joints and control joints, and finish. Typical details are shown on contract drawing PLATE #18. All work shall be performed in accordance with Section 03 33 00-"Cast-In-Place Architectural Concrete". Unit of measurement shall be square meter (SM), as computed by multiplying, in meters, area length, by width, (L x W). Dimensions will be specified on the task order. Work ordered under this ELIN may be in conjunction with work ordered under ELINS # A712 and #A734.	1,500	SM		0

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E760	<b>Concrete Wheel Stops</b>	The Contractor shall provide and install concrete wheel stops. The work includes fabrication and installation of concrete wheel stops. Typical wheel stop construction detail is shown on contract drawing PLATE # 16. All work shall be performed in accordance with Section 03 33 00 -"Cast-In-Place Architectural Concrete". Unit of measurement shall be each (EA). Units and locations will be specified on the task order.	50	EA		0
E761	<b>Clean Culverts</b>	The Contractor shall clean culverts. The work includes removing dirt, debris and foreign matter that obstructs the interior of the culvert pipe. All work shall be performed in accordance with section 01 57 19.00 20 -"Temporary Environmental Controls". Unit of measurement shall be linear meters (LM). Units and locations will be specified on the task order.	100	LM		0
E762	<b>Clean Storm Drainage Channels</b>	The Contractor shall clean storm drainage channels. The work includes removing dirt, debris and foreign matter that obstructs the drainage channel. All work shall be performed in accordance with section 01 57 19.00 20 -"Temporary Environmental Controls". Unit of measurement shall be linear meters (LM). Units and locations will be specified on the task order.	2,500	LM		0
E763	<b>Install Pre-Cast Concrete Curbs</b>	The Contractor shall provide and install pre-cast concrete curbs. The work includes excavation, lean concrete and placement of pre-cast concrete curbs. Typical detail of pre-cast concrete curb installation is shown on contract drawing PLATE # 17. All work shall be performed in accordance with Section 03 33 00-"Cast-in-Place Architectural Concrete". Unit of measurement shall be linear meters (LM). Units and locations will be specified on the task order.	100	LM		0
E764	<b>Replace Frame and Cover on Existing Utilities</b>	The Contractor shall replace frame and cover on existing utilities. The work includes removal and disposal of old frame and cover, and providing and installation of new frame and cover to new grade. All work shall be performed in accordance with Section 05 50 00 -"Metal Miscellaneous and Fabrications". Unit of measurement shall be each (EA).	10	EA		0
E765	<b>Install Guard Posts</b>	The Contractor shall install guard posts. The work includes site preparation, providing steel pipe, internal armoring and anchorage of post with concrete solidly and paint stripes. Typical guard post installation detail is shown on contract drawing PLATE # 16. All work shall be performed in accordance with Sections 05 50 00 -"Metal Miscellaneous and Fabrications" and 03 33 00 -"Cast-in-Place Architectural Concrete". Unit of measurement shall be each (EA).	25	EA		0
E766	<b>Topographical Surveying</b>	The Contractor shall perform topographical surveying at the job site in the area indicated. The work includes establishing benchmark of elevations and stake out the new grade spots elevation. The survey shall be made with elevations data, mean sea level at Alicante for maintenance and repair works. Should the works are for new construction, the survey shall be made with elevations data, mean sea level at Alicante and U.T.M coordinates which will be provided by the Government. All survey data shall be produced and submitted on AUTOCAD software, latest version. The Contractor shall submit all survey data to the Contracting Officer for approval. Submit all CAD files for the final drawings on CD ROM disks. Scan all files submitted for viruses using the latest version of a commercial scanning program. Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length, by width, (L x W).	25,300	SM		0

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E767	<b>Site Plan Layout</b>	The Contractor shall perform and provide detailed drawings for exact sizes, exact numbers and detailed positioning of items and final as-built drawings that shall clearly depict the technical design of the facility. Drawings shall be in sufficient detail to show compliance with the contract requirements. All work shall be performed in accordance with Computer Aided Design and Drafting Policy. Drawings shall meet the applicable drawing standards specified in the Guide for Architect Engineer Firms available on the website for Atlantic Division, Naval Facilities Engineering Command. All drawings submitted for review shall be in D size, 24 inch x 36 inch, approximately 61 cm x 91 cm. Other drawing size may be used, if approved by the Contracting Officer. Use Naval Station Rota, Public Works Department Title Block. Unit of measurement shall be each (EA).	10	EA		0
E768	<b>Emergency Repairs Asphalt Pot Holes</b>	The Contractor shall perform emergency repairs to asphalt potholes within the limits threshold of 1sm per hole. Emergency repairs shall be responded within 4 hours of the Government notification during Government regular working hours. If the emergency repair exceed the threshold the Contractor shall provide a Cost Proposal. The work includes removal of all loose debris, broken pieces of pavement and dust. Fill pothole with ready-to-use bituminous polymer modified cold asphalt and spread with rake or shovel and compact cold asphalt with manual roller or tamper to just over the level of the existing pavement. Thickness and application in layers of the bituminous cold asphalt shall be done as recommended by the manufacturer. Cold asphalt patching material shall comply with "Cold Asphalt Specifications"	10	EA		0
E800	<b>Removal of Corrugated and Pre-Formed Metal Sheet Roofing.</b>	The Contractor shall perform the removal of existing corrugated and pre-formed metal sheet roofing. All rubbish, debris and loose material resulting from removal of corrugated and pre-formed metal sheet roofing shall be removed from the limits of the Naval Station daily. All work shall be performed in accordance with Sections 01 57 19.00 20 & 02 41 00 Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	400	SM		0
E801	<b>Removal of Corrugated and Pre-Formed Metal Roofing Ridge.</b>	The Contractor shall perform the removal of existing corrugated and pre-formed metal roofing ridge. All rubbish, debris and loose material resulting from removal of corrugated and pre-formed metal roofing ridge shall be removed from limits of the Naval Station daily. All work shall be performed in accordance with Sections 01 57 19.00 20 & 02 41 00 Unit of measurement shall be linear meters (LM) of removed roof ridge. Dimensions and locations will be specified on the task order.	60	LM		0

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E802	<b>Removal of Corrugated Cement-Asbestos Sheet Roofing.</b>	The Contractor shall perform the removal of existing cement-asbestos sheet roofing. All rubbish, debris and loose material resulting from removal of cement-asbestos sheet roofing shall be removed from limits of the Naval Station daily. All work shall be performed in accordance with Sections 01 57 19.00 20, 02 41 00 & 02 82 14.00 10 Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	1,000	SM		0
E803	<b>Removal of Corrugated Plastic Sheet Roofing.</b>	The Contractor shall perform the removal of existing corrugated plastic sheet roofing. All rubbish, debris and loose material resulting from removal of corrugated plastic sheet roofing shall be removed from limits of the Naval Station daily. All work shall be performed in accordance with Sections 01 57 19.00 20 & 02 41 00 Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	100	SM		0
E804	<b>Removal of Gravel Surfaced Bituminous Built-Up Roofing.</b>	The Contractor shall perform the removal of existing gravel surfaced bituminous built-up roofing. Work includes removal of existing loose gravel. All debris and loose material resulting from removal of gravel surfaced bituminous built-up roofing shall be removed from limits of the Naval Station daily. All work shall be performed in accordance with Sections 01 57 19.00 20 & 02 41 00 Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	250	SM		0
E805	<b>Removal of Polymeric Asphalt Sheet Roofing.</b>	The Contractor shall perform the removal of existing polymeric asphalt sheet roofing. All debris and loose material resulting from removal of polymeric asphalt sheet roofing shall be removed from limits of the Naval Station daily. All work shall be performed in accordance with Sections 01 57 19.00 20 & 02 41 00 Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	2,000	SM		0

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E806	<b>Removal of Inverted Insulated Roofing.</b>	The Contractor shall perform the removal of existing inverted insulated roofing. Includes removal of existing loose gravel ballast, insulation and all polymeric asphalt sheet roofing membranes, where applicable. All debris and loose material resulting from removal of inverted insulated roofing shall be removed from limits of the Naval Station daily. All work shall be performed in accordance with Sections 01 57 19.00 20 & 02 41 00 Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	600	SM		0
E807	<b>Removal of Loose Gravel Ballast.</b>	The Contractor shall perform the removal of existing loose gravel ballast from gravel surfaced bituminous built-up and inverted insulated roofing. All debris and loose material resulting from removal of loose gravel ballast shall be removed from limits of the Naval Station daily. All work shall be performed in accordance with Sections 01 57 19.00 20 & 02 41 00 Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	200	SM		0
E808	<b>Removal of Curved Arabic Tile Roofing.</b>	The Contractor shall perform the removal of existing curved Arabic tile roofing. All debris and loose material resulting from the removal of the curved Arabic tile roofing shall be removed from limits of the Naval Station daily. All work shall be performed in accordance with Sections 01 57 19.00 20 & 02 41 00 Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	200	SM		0
E809	<b>Removal of Rain Gutters and Down Spouts.</b>	The Contractor shall perform the removal of existing roof gutters and down spouts. Work includes removal of all gutter and/or down spout hangers and fasteners. All debris and loose material resulting from removal of gutters and down spouts shall be removed from limits of the Naval Station daily. All work shall be performed in accordance with Sections 01 57 19.00 20 & 02 41 00 Unit of measurement shall be linear meters (LM) of removed roof gutters and/or down spouts. Dimensions and locations will be specified on the task order.	400	LM		0
E810	<b>Removal of Polyurethane Foam Roof.</b>	The Contractor shall perform the removal of existing polyurethane foam roof. All debris and loose material resulting from the removal of existing polyurethane foam roof shall be removed from limits of the Naval Station daily. All work shall be performed in accordance with Sections 01 57 19.00 20 & 02 41 00 Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	1,000	SM		0

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E811	<b>Installation of Corrugated Metal Sheet Roofing.</b>	<p>The Contractor shall perform the installation of corrugated metal sheet roofing. The work includes surface preparation, supply, delivery and installation of corrugated metal sheet roof, all as necessary so as to provide for a complete and functional roofing system. Where applicable, installed corrugated metal sheet roofing shall match existing and adjacent roofing in shape, size and profile. Typical details are shown on contract drawing PLATES #'s 1, 3 &amp; 11. All work shall be performed in accordance with Section 07 41 13 .</p> <p>Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.</p>	1,000	SM		0
E812	<b>Installation of Corrugated Sandwich Metal Sheet Roofing.</b>	<p>The Contractor shall perform the installation of corrugated sandwich metal sheet roofing. The work includes surface preparation, supply, delivery and installation of corrugated sandwich metal sheet roof, all as necessary so as to provide for a complete and functional roofing system. Where applicable, installed corrugated sandwich metal sheet roofing shall match existing and adjacent roofing in shape, size and profile. All work shall be performed in accordance with Section 07 41 13.</p> <p>Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.</p>	1,000	SM		0
E813	<b>Installation of Corrugated Metal Sheet Roofing Ridge.</b>	<p>The Contractor shall perform the installation of corrugated metal sheet roofing ridge. The work includes surface preparation, supply, task and installation of corrugated metal sheet roof ridge, all as necessary so as to provide for a complete and functional roofing system. Where applicable, installed corrugated metal sheet roofing ridge shall match existing and adjacent roofing ridge in shape, size and profile. Typical details are shown on contract drawing PLATES #'s 1, 3 &amp; 11. All work shall be performed in accordance with Section 07 41 13.</p> <p>Unit of measurement shall be linear meters (LM) of installed corrugated metal sheet roofing ridge. Dimensions and locations will be specified on the task order.</p>	30	LM		0
E814	<b>Installation of Pre-Formed Metal Sheet Roofing.</b>	<p>The Contractor shall perform the installation of pre-formed metal sheet roofing. The work includes surface preparation, supply, delivery and installation of pre-formed metal sheet roof, all as necessary so as to provide for a complete and functional roofing system. Where applicable, installed pre-formed metal sheet roofing shall match existing and adjacent roofing in shape, size and profile. Typical details are shown on contract drawing PLATES #'s 1, 3 &amp; 11. All work shall be performed in accordance with Section 07 41 13.</p> <p>Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.</p>	200	SM		0

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E815	<b>Installation of Pre-Formed Metal Sheet Roofing Ridge.</b>	The Contractor shall perform the installation of pre-formed metal sheet roofing ridge. The work includes surface preparation, supply, task and installation of pre-formed metal sheet roof ridge, all as necessary so as to provide for a complete and functional roofing system. Where applicable, installed pre-formed metal sheet roofing ridge shall match existing and adjacent roofing ridge in shape, size and profile. Typical details are shown on contract drawing PLATES #'s 1, 3 & 11. All work shall be performed in accordance with Section 07 41 13. Unit of measurement shall be linear meters (LM) of installed pre-formed metal sheet roofing ridge. Dimensions and locations will be specified on the task order.	30	LM		0
E816	<b>Installation of Pre-Formed Sandwich Metal Sheet Roofing.</b>	The Contractor shall perform the installation of pre-formed sandwich metal sheet roofing. The work includes surface preparation, supply, delivery and installation of pre-formed sandwich metal sheet roof, all as necessary so as to provide for a complete and functional roofing system. Where applicable, installed pre-formed sandwich metal sheet roofing shall match existing and adjacent roofing in shape, size and profile. All work shall be performed in accordance with Section 07 41 13. Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W), including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	200	SM		0
E817	<b>Re-Sealing of Pre-Formed and Corrugated Metal Sheet Roofing Joints and Overlaps.</b>	The Contractor shall perform the re-sealing of pre-formed and corrugated metal sheet roofing joints and overlaps with a silicone-rubber base mastic caulking. Existing joint and/or overlap caulking shall be completely removed and the surface area to receive new caulking shall be thoroughly cleaned and prepared. Typical details are shown on contract drawing PLATES #'s 1, 3 & 11. All work shall be performed in accordance with Sections 07 41 13 & 07 92 00. Unit of measurement shall be linear meters (LM) of re-sealed pre-formed and/or corrugated metal sheet roofing joints and/or overlaps. Dimensions and locations will be specified on the task order.	200	LM		0
E818	<b>Re-Sealing of Pre-Formed and Corrugated Metal Sheet Roofing Fasteners.</b>	The Contractor shall perform the re-sealing of pre-formed and corrugated metal sheet roofing fasteners with a silicone-rubber base mastic caulking. Existing fasteners caulking shall be completely removed and the surface area to receive new caulking shall be thoroughly cleaned and prepared. Typical details are shown on contract drawing PLATES #'s 1, 3 & 11. All work shall be performed in accordance with Sections 07 41 13 & 07 92 00. Unit of measurement shall be each (EA) re-sealed pre-formed and/or corrugated metal sheet roofing fastener. Quantities and locations will be specified on the task order.	200	EA		0
E819	<b>Waterproofing of union between Pre-Formed and Corrugated Metal Sheet Roofing and Vertical walls.</b>	The Contractor shall perform the waterproofing of the union between pre-formed and corrugated metal sheet roofing with vertical surfaces by means of Styrene Butadiene Styrene (SBS) modified membrane. Where applicable, existing aluminum finished polymeric asphalt sheets or Styrene Butadiene Styrene (SBS) modified membrane shall be removed and the surface area to receive new Butadiene Styrene (SBS) modified membrane shall be thoroughly cleaned and prepared. Typical details are shown on contract drawing PLATES #'s 1, 3 & 11. All work shall be performed in accordance with Section 07 52 00 and 07 41 13. Unit of measurement shall be linear meters (LM) of installed polymeric asphalt sheet roofing at vertical junctions. Dimensions and locations will be specified on the task order.	50	LM		0

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E820	<b>Installation of Corrugated Plastic Sheet Roofing.</b>	<p>The Contractor shall perform the installation of corrugated plastic sheet roofing. The work , including surface preparation, supply, delivery and installation of corrugated plastic sheet roof, all as necessary so as to provide for a complete and functional roofing system. Where applicable, installed corrugated plastic sheet roofing shall match existing and adjacent roofing in shape, size, color and profile. Typical details are shown on contract drawing PLATE # 1, 3 &amp; 11. All work shall be performed in accordance with Section 07 54 19.</p> <p>Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.</p>	100	SM		0
E821	<b>Installation of Corrugated Plastic Sheet Roofing Ridges.</b>	<p>The Contractor shall perform the installation of corrugated plastic sheet roofing ridges. The work includes surface preparation, supply and installation of corrugated plastic sheet roofing ridges, all as necessary so as to provide for a complete and functional roofing system. Where applicable, installed corrugated plastic sheet roofing ridges shall match existing and adjacent roofing ridges in shape, size, color and profile. Typical details are shown on contract drawing PLATES #'s 1, 3 &amp; 11. All work shall be performed in accordance with Section 07 54 19.</p> <p>Unit of measurement shall be linear meters (LM) installed corrugated plastic sheet roofing ridges. Dimensions and locations will be specified on the task order.</p>	100	LM		0
E822	<b>Re-Sealing of Corrugated Plastic Sheet Roofing Joints and Overlaps.</b>	<p>The Contractor shall perform the re-sealing of corrugated plastic sheet roofing joints and overlaps with a silicone-rubber base mastic caulking. Existing joint and/or overlap caulking shall be completely removed and the surface area to receive new caulking shall be thoroughly cleaned and prepared. Typical details are shown on contract drawing PLATES #'s 1, 3 &amp; 11. All work shall be performed in accordance with Sections 07 54 19 &amp; 07 92 00.</p> <p>Unit of measurement shall be linear meters (LM) of re-sealed corrugated plastic sheet roofing joints and/or overlaps. Dimensions and locations will be specified on the task order.</p>	200	LM		0
E823	<b>Re-Sealing of Corrugated Plastic Sheet Roofing Fasteners.</b>	<p>The Contractor shall perform the re-sealing of corrugated plastic sheet roofing fasteners with a silicone-rubber base mastic caulking. Existing fasteners caulking shall be completely removed and the surface area to receive new caulking shall be thoroughly cleaned and prepared. Typical details are shown on contract drawing PLATES #'s 1, 3 &amp; 11. All work shall be performed in accordance with Sections 07 54 19 &amp; 07 92 00.</p> <p>Unit of measurement shall be each (EA) re-sealed corrugated plastic sheet roofing fastener. Quantities and locations will be specified on the task order.</p>	200	EA		0

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E824	<b>Waterproofing of union between Corrugated plastic Sheet Roofing and Vertical walls.</b>	The Contractor shall perform the waterproofing of the union between corrugated plastic sheet roofing with vertical surfaces by means of Styrene Butadiene Styrene (SBS) modified membrane. Where applicable, existing aluminum finished polymeric asphalt sheets or Styrene Butadiene Styrene (SBS) modified membrane shall be removed and the surface area to receive new Butadiene Styrene (SBS) modified membrane shall be thoroughly cleaned and prepared. Typical details are shown on contract drawing PLATES #'s 1, 3 & 11. All work shall be performed in accordance with Sections 07 52 00 and 07 54 19. Unit of measurement shall be linear meters (LM) of installed polymeric asphalt sheet roofing at vertical junctions. Dimensions and locations will be specified on the task order.	100	LM		0
E825	<b>Installation of Styrene Butadiene Styrene (SBS) Modified Bituminous membrane roofing on Existing "Sevillana" Tile Roofs.</b>	The Contractor shall perform the installation of Styrene Butadiene Styrene (SBS) Modified Bituminous membrane roofing on existing "Sevillana" roofing. The work includes surface preparation, supply, delivery and installation of Styrene Butadiene Styrene (SBS) Modified Bituminous membrane roofing on existing "Sevillana" tile roofing, all as necessary so as to provide for a complete and functional roofing system. Installation of crickets at junction of deck and vertical surfaces shall be ordered separately under ELIN A807. Typical details are shown on contract drawing PLATES #'s 4, 8, 9, 12, 14, 15 & 16. All work shall be performed in accordance with Section 07 52 00. Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W), including all overlaps, overhangs, around roofing equipment/vents. Dimensions and locations will be specified on the task order.	200	SM		0
E826	<b>Installation of Styrene Butadiene Styrene (SBS) Modified Bituminous membrane Roofing on Concrete Roof Decks.</b>	The Contractor shall perform the installation of styrene butadiene styrene (SBS) modified bituminous membrane roofing on concrete roof decks. The work includes surface preparation, supply, delivery and installation of Styrene Butadiene Sstyrene (SBS) modified bituminous membrane roofing on concrete roof decks, all as necessary so as to provide for a complete and functional roofing system. Installation of crickets at junction of deck and vertical surfaces shall be ordered separately under ELIN A807. Typical details are shown on contract drawing PLATES #'s 4, 8, 9, 12, 14, 15 & 16. All work shall be performed in accordance with Section 07 52 00. Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W), including all overlaps, overhangs, around roofing equipment/vents. Dimensions and locations will be specified on the task order.	10,000	SM		0
E827	<b>Installation of Insulated Concrete Roofing Systems.</b>	The Contractor shall perform the installation of insulated concrete roofing systems. Work includes installation of insulation, sloped cellular concrete and Styrene Butadiene Styrene (SBS) modified bituminous membrane plies, all as necessary so as to provide for a complete and functional roofing system. Averaged thickness of cellular concrete shall not exceed 10 cm. Typical details are shown on contract drawing PLATES #'s 4, 8, 9, 12, 13, 14, 15 & 16. All work shall be performed in accordance with Sections 03 52 00 and 07 52 00. Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W), including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	500	SM		0

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E828	<b>Installation of Curved Arabic Tile Roofing.</b>	<p>The Contractor shall perform the installation of curved Arabic tile roofing. The work includes surface preparation, supply, delivery and installation of curved Arabic tile roofing, all as necessary so as to provide for a complete and functional roofing system. Where applicable, installed curved Arabic tile roofing shall match existing and adjacent roofing in shape, size, color and profile. Typical details are shown on contract drawing PLATES #'s 5, 6 &amp; 7. All work shall be performed in accordance with Section 07 32 13.</p> <p>Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.</p>	200	SM		0
E829	<b>Installation of Curved Arabic Tile Roofing Ridges</b>	<p>The Contractor shall perform the installation of curved Arabic tile roofing ridges. The work includes surface preparation, supply, task and installation of curved Arabic tile roofing ridges, all as necessary so as to provide for a complete and functional roofing system. Where applicable, installed curved Arabic tile roofing ridges shall match existing and adjacent roofing ridge in shape, size, color and profile. Typical details are shown on contract drawing PLATES #'s 5, 6 &amp; 7. All work shall be performed in accordance with Section 07 32 13.</p> <p>Unit of measurement shall be linear meters (LM) installed curved Arabic tile roofing ridges. Dimensions and locations will be specified on the task order.</p>	50	LM		0
E830	<b>Rubber Paint over existing Curved Arabic Tile Roofing.</b>	<p>The Contractor shall perform the painting over the existing curved Arabic tile roofing. The work includes surface preparation, supply, delivery and clear rubber painting of curved Arabic tile roofing, all as necessary so as to provide for a complete and functional roofing system. All work shall be performed in accordance with Section 09 90 00.</p> <p>Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.</p>	7,500	SM		0
E831	<b>Installation of Sheet Metal Flashing on Aluminum Finished Polymeric (or SBS) Asphalt Sheet Roofing.</b>	<p>The Contractor shall perform the installation of sheet metal flashing on aluminum finished polymeric (or SBS) asphalt sheet roofing. Typical details are shown on contract drawing PLATE # 4. All work shall be performed in accordance with Section 07 60 00.</p> <p>Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.</p>	50	SM		0

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E832	<b>Installation of Sheet Metal Flashing on Parapet Copings.</b>	The Contractor shall perform the installation of sheet metal flashing on parapet copings. Typical details are shown on contract drawing PLATE # 8. All work shall be performed in accordance with Section 07 60 00. Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	100	SM		0
E833	<b>Installation of Sheet Metal Expansion Joint Flashings.</b>	The Contractor shall perform the installation of sheet metal expansion joint Flashings. Typical details are shown on contract drawing PLATE # 9. All work shall be performed in accordance with Section 07 60 00. Unit of measurement shall be linear meters (LM) of installed sheet metal expansion joint Flashings. Dimensions and locations will be specified on the task order.	100	LM		0
E834	<b>Installation of Rain Gutters.</b>	The Contractor shall perform the installation of rain gutters. Work shall include all hangers and fasteners necessary for a complete and functional installation. Typical details are shown on contract drawing PLATE # 11. All work shall be performed in accordance with Section 07 60 00. Unit of measurement shall be linear meters (LM) of installed rain gutters. Dimensions and locations will be specified on the delivery order.	500	LM		0
E835	<b>Installation of Rain Gutters and/or Scupper Down Spouts.</b>	The Contractor shall perform the installation of rain gutters and/or scupper down spouts. Work shall include all hangers and fasteners necessary for a complete and functional installation. Typical details are shown on contract drawing PLATE # 10. All work shall be performed in accordance with Section 07 60 00. Unit of measurement shall be linear meters (LM) of installed rain gutters and/or scupper down spouts. Dimensions and locations will be specified on the task order.	100	LM		0
E836	<b>Installation of Down Spout Conductor Heads.</b>	The Contractor shall perform the installation of down spout conductor heads. Typical details are shown on contract drawing PLATE # 10. All work shall be performed in accordance with Section 07 60 00. Unit of measurement shall be each (EA) installed down spout heads. Quantities and locations will be specified on the task order.	25	EA		0
E837	<b>Application of Sprayed Polyurethane Foam (PUF) Roof Coating.</b>	The Contractor shall perform the application of sprayed polyurethane (PUF) roof coating on existing pre-formed and/or corrugated metal sheet, asbestos-cement, and curved Arabic red tile roofs. Work includes application of sprayed polyurethane and application of elastomeric roof coating. Typical details are shown on contract drawing PLATE # 2. All work shall be performed in accordance with Section 07 57 13. Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cms. (one foot) and under and all vertical walls over 30.48 cms. (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	1,200	SM		0

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E838	<b>Re-application of Elastomeric Roof Coating Over Polyurethane Foam (PUF).</b>	<p>The Contractor shall perform the re-application of elastomeric roof coating over existing polyurethane foam (PUF) roof coating. Work includes removal of insulation which become damaged, overexposed to weather, or contaminated such that they cannot be cleaned and repaired to the satisfaction of the coating applicator, and provide new insulation and re-application of elastomeric roof coating. Typical details are shown on contract drawing PLATE # 2. All work shall be performed in accordance with Section 07 57 13.</p> <p>Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cms. (one foot) and under and all vertical walls over 30.48 cms. (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.</p>	8,000	SM		0
E839	<b>Re-paint Existing Polyurethane Foam.</b>	<p>The Contractor shall perform the re-application of elastomeric roof coating over existing polyurethane foam coating. Work includes application of elastomeric roof coating over polyurethane foam. Typical details are shown on contract drawing PLATE # 2. All work shall be performed in accordance with Section 07 57 13.</p> <p>Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.</p>	8,000	SM		0
E840	<b>Installation of Inverted Insulated Roofing Systems.</b>	<p>The Contractor shall perform the installation of inverted insulated roofing systems. Work includes installation of polymeric asphalt sheet roofing plies, polystyrene insulation and loose aggregate ballast, all as necessary so as to provide for a complete and functional roofing system. Typical details are shown on contract drawing PLATE # 13. All work shall be performed in accordance with Section 07 55 00.</p> <p>Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.</p>	600	SM		0
E841	<b>Installation of Crickets.</b>	<p>The Contractor shall perform the installation of crickets at junctions of roof deck and vertical surfaces. All work shall be performed in accordance with Sections 03 52 00, 07 55 00 &amp; 07 52 00, as applicable.</p> <p>Unit of measurement shall be linear meters (LM) of installed cricket.</p> <p>Dimensions and locations will be specified on the task order.</p>	100	LM		0
E842	<b>Installation of Expansion Joints.</b>	<p>The Contractor shall perform the installation of neoprene expansion joints at junctions of roof decks and vertical surfaces. Typical details are shown on contract drawing PLATE # 9. All work shall be performed in accordance with Section 07 60 00.</p> <p>Unit of measurement shall be linear meters (LM) of installed expansion joints. Dimensions and locations will be specified on the task order.</p>	200	LM		0

<u>ELIN</u>	<u>SHORT DESCRIPTION</u>	<u>FULL DESCRIPTION</u>	<u>EST QTY</u>	<u>UNIT OF ISSUE</u>	<u>UNIT PRICE (USD)</u>	<u>TOTAL</u>
E843	<b>Re-sealing of Expansion Joints.</b>	The Contractor shall perform the re-sealing of expansion joints with a silicone-rubber base mastic caulking. Existing joint caulking shall be completely removed and the surface area to receive new caulking shall be thoroughly cleaned and prepared. Typical details are shown on contract drawing PLATE # 9. All work shall be performed in accordance with Sections 07 60 00 & 07 92 00. Unit of measurement shall be linear meters (LM) of re-sealed expansion joint. Dimensions and locations will be specified on the task order.	320	LM		0
E844	<b>Forming of Slopes With Cellular Concrete.</b>	The Contractor shall perform the forming of slopes on existing concrete roof decks using cellular concrete. Averaged thickness of cellular concrete shall not exceed 10 cm. . Typical details are shown on contract drawing PLATES #'s 8, 9, 12, 13, 14, 15 & 16. All work shall be performed in accordance with Sections 07 55 00 & 07 52 00. Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	1,000	SM		0
E845	<b>Installation of Roof Mounted Duct and Equipment Supports.</b>	The Contractor shall perform the installation of roof mounted duct and equipment supports. Typical details are shown on contract drawing PLATE # 15. All work shall be performed in accordance with Section 07 60 00. Unit of measurement shall be each (EA) installed roof mounted duct and/or equipment supports. Quantities and locations will be specified on the task order.	10	EA		0
E846	<b>Replacement of Drain Sumps and Strainers.</b>	The Contractor shall perform the replacement of existing drain sumps and strainers. Work , including demolition of existing concrete roof deck, removal of existing drain sump and strainer, installation of new roof drain sumps and strainers and patching of roof deck. Typical details are shown on contract drawing PLATE # 16. All work shall be performed in accordance with Section 07 60 00. Unit of measurement shall be each (EA) replaced roof drain sump and strainer. Quantities and locations will be specified on the task order.	10	EA		0
E847	<b>Replacement of Pre-Cast Concrete Parapet Copings.</b>	The Contractor shall perform the replacement of pre-cast concrete parapet copings. Work includes demolition and removal of existing pre-cast concrete parapet roof copings, installation of new pre-cast concrete parapet copings, patching of parapet walls and repainting to match adjacent surfaces. Typical details are shown on contract drawing PLATES #'s 8 & 13. All work shall be performed in accordance with Section 03 31 01.00 10. Unit of measurement shall be linear meters (LM) of replaced pre-cast concrete parapet copings. Dimensions and locations will be specified on the delivery order. Unit of measurement shall be linear meters (LM) of replaced pre-cast concrete parapet copings. Dimensions and locations will be specified on the task order.	50	LM		0
E848	<b>Installation of Pre-Cast Concrete Down Spout Splash Blocks.</b>	The Contractor shall perform the installation of pre-cast concrete down spout splash blocks. Typical details are shown on contract drawing PLATE # 10 . All work shall be performed in accordance with Section 03 31 01.00 10. Unit of measurement shall be each (EA) installed pre-cast concrete splash block. Quantities and locations will be specified on the task order.	10	EA		0

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E849	<b>Installation of Scupper Drains.</b>	The Contractor shall perform the installation of scupper drains in existing roof parapet walls. Typical details are shown on contract drawing PLATE # 16. All work shall be performed in accordance with Section 07 60 00. Unit of measurement shall be each (EA) installed scupper drain. Quantities and locations will be specified on the task order.	10	EA		0
E850	<b>Rubber Paint over Existing Roofing.</b>	The Contractor shall perform the application of rubber paint coating on existing pre-formed and/or corrugated metal sheet, asbestos-cement, concrete, and Ceramic Tiles roofs. Work includes application of rubber paint coating over existing roofing. All work shall be performed in accordance with Section 09 90 00. Unit of measurement shall be square meters (SM), as computed by multiplying, in meters, area length by width (L x W) , including all overlaps, overhangs, around roofing equipment/vents. Vertical walls and general obstructions 30.48 cm. (one foot) and under and all vertical walls over 30.48 cm (one foot) should be added to the square meter total. Dimensions and locations will be specified on the task order.	1,500	SM		0
E851	<b>Emergency repairs for roofing leaks.</b>	The Contractor shall perform emergency repairs on roofing leaks within the limits threshold of 16 hours of labor and \$3,000 of direct material cost. Emergency repairs shall be responded within 4 hours of the Government notification during Government regular working hours. If the emergency repair exceed the threshold contractor shall provide a Cost Proposal. Dimensions and locations will be specified on the task order. Contractor shall protect all the building interior area affected by the roof leak to prevent any damage.	10	EA		0
E900	<b>Exterior Paint extending from the ground level up to 3.75 LM above ground level.</b>	The Contractor shall prepare the surface and paint in accordance with SECTION 09 90 00 Paints and Coatings, this ELIN includes all the exterior surfaces up to 3.75LM above ground level and comprise all the surfaces included in the paint tables of SECTION 09 90 00. Locations and paint colors will be specified on each the task order or shall match to the existing color. The measurement method is provided in J-1503040-04	10,000	SM		0
E901	<b>Exterior Paint extending from 3.75LM above ground level up to 30LM above ground level.</b>	The Contractor shall prepare the surface and paint in accordance with SECTION 09 90 00 Paints and Coatings, this ELIN includes all the exterior surfaces from 3.75LM above ground level up to 30LM above ground level, and comprise all the surfaces included in the paint tables of SECTION 09 90 00. Locations and paint colors will be specified on each the task order or shall match to the existing color. The measurement method is provided in J-1503040-04.	20,000	SM		0
E902	<b>Interior Paint extending from the floor level up to 3.75LM above ground level.</b>	The Contractor shall prepare the surface and paint in accordance with SECTION 09 90 00 Paints and Coatings, this ELIN includes all the interior surfaces up to 3.75LM above floor level and comprise all the surfaces included in the paint tables of SECTION 09 90 00. Locations and paint colors will be specified on each the task order or shall match to the existing color. The measurement method is provided in J-1503040-04.	15,000	SM		0
E903	<b>Interior Paint extending from 3.75LM above floor level up to 30LM above floor level.</b>	The Contractor shall prepare the surface and paint in accordance with SECTION 09 90 00 Paints and Coatings, this ELIN includes all the interior surfaces up to 3.75LM above floor level and comprise all the surfaces included in the paint tables of SECTION 09 90 00. Locations and paint colors will be specified on each the task order or shall match to the existing color. The measurement method is provided in J-1503040-04.	30,000	SM		0

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E1000	<b>Demolition and Removal of HTHW pipe lines with asbestos containing</b>	The Contractor shall perform the demolition and removal of the high temperature hot water (HTHW) pipe lines with asbestos containing insulation of any pipe diameter including the following activities: 1. Prepare and process a specific asbestos abatement plan in accordance to RD 396/2006 and AHERA standards. 2. Mobilize and demobilize the specific equipment required for asbestos work. 3. Move waste by authorized transportation means to the final waste managing facility. 4. Waste management by authorized landfill and provide disposal report. 5. Individual and environmental sample taking and testing as per AHERA. 6. Pipes ends sections shall be encapsulated. All work shall be performed in accordance with specification section 02 82 16.00 20, "ENGINEERING CONTROL OF ASBESTOS CONTAINING MATERIALS". Encapsulate Road intersections will be ordered separately. Concrete footing and metal bridges will remain on site.	600	LM		0
E1001	<b>Demolition and Removal of HTHW pipe lines without Asbestos Containing</b>	The Contractor shall perform the demolition and removal of the high temperature hot water (HTHW) pipe lines any pipe diameters including the following activities: 1. Before start demolition, Test to assure that no asbestos is present. If there is any hazardous material do not touch it and inform immediately to the Performance Assessment Representative (PAR). 2. Mobilize and demobilize the specific equipment required for the work. 3. Move waste by authorized transportation means to the final waste managing facility in accordance with the National Spanish Regulations. Concrete footing and metal bridges will remain on site. Pipes ends sections shall encapsulated in accordance with the section 0282160020. To encapsulate Road intersections will be ordered separately.	1	LM		0
E1002	<b>Encapsulate End Pipes at road intersections</b>	Encapsulation shall be conformed to current USEPA requirements, shall contain no toxic or hazardous substances as defined in 29 CFR 1926.59, and shall conform with performance requirements indicated in section 02 82 16.00 20, "ENGINEERING CONTROL OF ASBESTOS CONTAINING MATERIALS" .	20	EA		0
E1000	<b>Unit Priced Un-Skilled Labor Work (negotiated)</b>	Includes all labor and supervision required to perform miscellaneous unskilled work. Unskilled labor includes, but is not limited to the following types of trades: Laborer, Small Equipment Operator, Helper, etc. Dimensions and locations will be specified on the task order.	600	HR		0
E1001	<b>Miscellaneous Costs (negotiated)</b>	Includes all materials, equipment, and subcontracted effort required to perform miscellaneous work. Costs for materials, equipment, and subcontractor effort, not covered under any UPT, shall be negotiated as required for each task order. Units, dimensions, and locations will be specified on the task order.	1	LOT		0
		<b>TOTAL OPTION PERIOD 4 IQ</b>				0

	<b>OPTIONS</b>	<b>TOTAL COST</b>
1	<b>Base Period - Indefinite Quantity Work</b>	0
2	<b>First Period - Indefinite Quantity Work</b>	0
3	<b>Second Period - Indefinite Quantity Work</b>	0
4	<b>Third Period - Indefinite Quantity Work</b>	0
5	<b>Fourth Period - Indefinite Quantity Work</b>	0
	<b>GRAND TOTAL</b>	0