

COCHIN PORT AUTHORITY

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Name of Work: Reconstruction of Q2-Q3 berths at Mattancherry wharf of Cochin Port (Re-tender)

Tender No : T10/T-2093/2026-C

PRICE BID-SCHEDULE – "II"- SCHEDULE OF QUANTITIES OF WORK TO BE DONE ON CONTRACT

Name and address of Tenderer:

Sl. No.	Sub- heads and items of work	Approximate Quantity	Unit	Departmental Rate (Rs)	Departmental Rate in Words	Departmental Amount in Rs.	Departmental Amount in Words
A Part:A - Dismantling of Existing Q2 & Q3 Berth							
1	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in- charge.	2700.00	m ³	3953.29	Rupees Three Thousand Nine Hundred Fifty Three and Twenty Eight Paise Only	1,06,73,874.93	Rupees One Crore Six Lakh Seventy Three Thousand Eight Hundred Seventy Four and Ninety Three Paise Only
2	Extra for cutting reinforcement bars manually/ by mechanical means in R.C.C. or R.B. work (Payment shall be made on the cross sectional area of R.C.C. or R.B. work) as per direction of Engineer-in-charge.	20.00	m ²	1277.07	Rupees One Thousand Two Hundred Seventy Seven and Seven Paise Only	25,541.49	Rupees Twenty Five Thousand Five Hundred Forty One and Forty Nine Paise Only
3	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading,transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.	2700.00	m ³	293.83	Rupees Two Hundred Ninety Three and Eighty Three Paise Only	7,93,345.80	Rupees Seven Lakh Ninety Three Thousand Three Hundred Forty Five and Eighty Paise Only
4	Removal and disposal of existing bollards and fenders from the existing berth within the demolition area, as directed by the Engineer-in-Charge.	4.00	Nos.	100000.00	Rupees One Lakh Only	4,00,000.00	Rupees Four Lakh Only
Total for Part: A						1,18,92,762.23	Rupees One Crore Eighteen Lakh Ninety Two Thousand Seven Hundred Sixty Two and Twenty Two Paise Only
B Part - B : Construction of Berth, Mooring Dolphin and Approach Trestle							
1	Conducting initial vertical load test on 1200 mm dia pile for maximum test load (by direct loading method) on 1200mm dia. pile,with a load of 2.5x250 = 625 tonnes,as per IS 2911 (Part 4) : 2013, clause 8.4, including cost for finishing pile head, supply and erection of kentledge and supporting piles using sand bags or other loading, labour, etc. complete all as per detailed specifications and directions of Engineer-in-charge.The rate is EXCLUSIVE of casting of 1200mm dia. bored cast-in- situ concrete test pile with liners, support piles with liners, reinforcement, M40 concrete but INCLUSIVE of kentledge support frame and loading arrangement, jacks and testing system, equipment and testing machinery as indicated in drawings and specifications, codes and standards as specified in IS 2911 to conduct the test successfully and to cut and remove the test pile so that the pile do not interfere with the permanant structures as per the directions of Engineer-in-charge including all labour material, tools, equipments, fuels,complete. Note : Mooring dolphin piles shall be used for supporting the kentledge and loading by direct load method only is acceptable	1.00	Nos.	2321562.50	Rupees Twenty Three Lakh Twenty One Thousand Five Hundred Sixty Two and Fifty Paise Only	23,21,562.50	Rupees Twenty Three Lakh Twenty One Thousand Five Hundred Sixty Two and Fifty Paise Only
2	Supply, transport, handling, pitching and driving of steel sheet piles of section AZ-52-700 or equivalent approved profile, in accordance with the drawings and technical specifications. The sheet piles shall be driven to the required toe level using suitable equipment such as vibro hammer and/or impact hammer, including all ancillary plant, equipment and accessories necessary to achieve the specified penetration and alignment. The scope of work shall include proper setting out, provision of temporary guide frames/waling beams as required for maintaining line and level, cutting and trimming of the sheet pile wall to the specified cut-off level, and all necessary connections to reinforcement for the coping beam. The item shall also cover alignment control, interlocking of adjacent sheet piles, and completion of the sheet pile wall in all respects as per drawings, specifications and directions of the Engineer-in- Charge.	630.00	T	147025.00	Rupees One Lakh Forty Seven Thousand Twenty Five Only	9,26,25,750.00	Rupees Nine Crore Twenty Six Lakh Twenty Five Thousand Seven Hundred Fifty Only
3	Supplying and installing aluminium sacrificial anodes (Galvaalum III or equivalent) for cathodic protection of guide pin piles of 1.35m length and gross weight not less than 139 kg as specified in the drawings and conforming to DNVGLRP- B401 (latest edition) and relevant international standards for marine-grade sacrificial anodes. The aluminium anodes shall be high-efficiency marine-grade alloy (typically Al-Zn-In alloy), with steel inserts for welding/bolting and coated at the interface to avoid passivation. Installation shall include surface preparation, attachment by bolting using stainless steel fasteners, connection of anode to piles using copper strip welding on both ends, sealing, and testing of electrical continuity and potential readings, all as per the approved protection scheme and under supervision of the Engineer-in-Charge. The rate shall be inclusive of cost of anode, installation, fixing of reference electrodes, monitoring system, display panel, insert materials, welding copper strips in under water condition, cables, consumables, testing, transportation, handling, labour, and all other incidental works, complete in all respects.	30.00	Nos.	95393.00	Rupees Ninety Five Thousand Three Hundred Ninety Three Only	28,61,790.00	Rupees Twenty Eight Lakh Sixty One Thousand Seven Hundred Ninety Only

Name and address of Tenderer:							
4	Supply, and provide manpower for surface preparation to SA2.5 and Painting internal and external surfaces of sheet pile with 4 coats of anti-corrosive epoxy painting system with minimum 750 DFT including tools, equipment, manpower, material etc all inclusive as per specifications.	997.00	m ²	1430.00	Rupees One Thousand Four Hundred Thirty Only	14,25,710.00	Rupees Fourteen Lakh Twenty Five Thousand Seven Hundred Ten Only
5	Providing and filling soil obtained from an approved source in the space between the existing sheet pile and the proposed sheet pile, including all leads, lifts and handling. The item shall include the cost of excavation at the source, loading, transportation to site, unloading, placing in layers not exceeding the specified thickness, watering if required, and compacting each layer to the required density as per specifications and directions of the Engineer-in-Charge. The work shall also include dressing and leveling of the filled surface to the required profile and lines. The rate shall be inclusive of cost of material, royalties, taxes, transportation, labour, equipment, tools and tackles, testing, and all incidental charges complete as per drawings, specifications and instructions of the Engineer-in-Charge.	622.00	m ³	700.00	Rupees Seven Hundred Only	4,35,400.00	Rupees Four Lakh Thirty Five Thousand Four Hundred Only
6	Fabricating and supplying Mild Steel (MS) Liners at a suitable fabrication yard for bored cast-in-situ piles of 1200mm dia. Piles as shown in the drawing in backwater to the required length, using 6mm thick plate, including cost of all materials, labour, cutting, rolling, welding etc. complete as per drawings, detailed specifications and directions of Engineer-in-charge.	517.00	T	142025.00	Rupees One Lakh Forty Two Thousand Twenty Five Only	7,34,26,925.00	Rupees Seven Crore Thirty Four Lakh Twenty Six Thousand Nine Hundred Twenty Five Only
7	Transporting the fabricated MS liners fabricated as per item No. 2 above from the fabrication yard to pile location, handling, pitching and driving the MS liners to required level and vertically including setting piling rigs/gantry in position temporary works for driving piles etc. complete all as per detailed specifications and directions of the Engineer-in-charge.	105.00	Nos.	36501.00	Rupees Thirty Six Thousand Five Hundred One Only	38,32,605.00	Rupees Thirty Eight Lakh Thirty Two Thousand Six Hundred Five Only
8	Marine boring through all types of soils, viz. gravel, clay, stiff clay, cemented clay, sand, weathered soft rock, lean mix concrete and boulders / rubble layer etc.(except soft and hard rock) for vertical piles for depth shown in the drawing including mobilization / demobilisation of all plants and equipments, retaining of sides with bentonite slurry or polymer solutions and cleaning the bore holes, cost of all materials, labour, plants, equipments etc., including disposing of bored muck at suitable dumping area, taking SPT values at founding level etc. complete as per drawings, detailed specifications and directions of Engineer-in-charge. (only length below existing bed level will be measured and paid for 1200mm Dia).	3501.00	m	23230.00	Rupees Twenty Three Thousand Two Hundred Thirty Only	8,13,28,230.00	Rupees Eight Crore Thirteen Lakh Twenty Eight Thousand Two Hundred Thirty Only
9	Providing and laying Reinforced cement concrete of M40 grade in-situ by standard method of placing by tremie pipe inside the Pile bore including cost of all materials, labour, all sampling and testing / recording, mixing with Bipolar concrete penetrating corrosion inhibiting admixtures, if required etc. complete but excluding reinforcement work as per drawings, detailed specifications and directions of Engineer-in-charge. [Only concrete quantity between founding level and 60 cm above specified Pile cut off level will be measured & paid for].	4927.00	m ³	17250.00	Rupees Seventeen Thousand Two Hundred Fifty Only	8,49,90,750.00	Rupees Eight Crore Forty Nine Lakh Ninety Thousand Seven Hundred Fifty Only
10	Providing and placing in position reinforcement in cages inside the marine pile bore using CRS High strength deformed TMT steel bars bars of Fe500D / Fe550D grade as per IS 1786 including cost of all materials, labour, transporting to site, cutting, bending, welding, lapping, tying, binding, fabricating into cages, installing in position, providing cover blocks, hire charges of all equipment, machinery etc. complete as per drawings, detailed specifications and directions of Engineer-in- charge. (The reinforcement bars, authorised laps, lifting hooks, development lengths, stiffening rings / bars etc. as per approved bar bending schedule, will be measured & paid for).	1055.00	T	120059.70	Rupees One Lakh Twenty Thousand Fifty Nine and Sixty Nine Paise Only	12,66,62,981.92	Rupees Twelve Crore Sixty Six Lakh Sixty Two Thousand Nine Hundred Eighty One and Ninety One Paise Only
11	Chipping the concrete from the top of marine piles of 1200mm dia. up to cutoff level, exposing the reinforcement, dressing pile head and disposing off the dismantled materials at suitable locations as per the directions of the Engineer-in-charge and leveling including hire charges of all equipment, labour etc. complete.	72.00	m ³	11212.50	Rupees Eleven Thousand Two Hundred Twelve and Fifty Paise Only	8,07,300.00	Rupees Eight Lakh Seven Thousand Three Hundred Only
12	Conducting routine dynamic high strain testing using pile Driving analyser as per ASTM D 4945 on 1200 mm dia. bored cast in situ pile by applying impact of 1.5 percent weight of capacity of pile with a fall varying from 1m to 3m including preparing head, providing ply and steelplates, fixing strain gauges etc. as per drawings, detailed specifications and directions of Engineer-in- charge.	11.00	Nos.	175547.50	Rupees One Lakh Seventy Five Thousand Five Hundred Forty Seven and Fifty Paise Only	19,31,022.50	Rupees Nineteen Lakh Thirty One Thousand Twenty Two and Fifty Paise Only
13	Mobilizing, arranging and carrying out low strain pile integrity test for 1200mm dia. bored cast in situ pile in accordance with ASTM D5882, surface impact method or by suitable method as approved by Engineer-in-charge and providing interpretation report from cut off level to founding level as per detailed directions of Engineer-in-Charge.	56.00	Nos.	9200.00	Rupees Nine Thousand Two Hundred Only	5,15,200.00	Rupees Five Lakh Fifteen Thousand Two Hundred Only
14	Providing and laying reinforced cement concrete of M40 grade for various precast components such as beams, fender block, Pile muff, slabs etc. using graded course & fine aggregates excluding reinforcement work but including cost of materials, labour, mixing with Bipolar concrete penetrating corrosion inhibiting admixtures, shattering, leveling, compacting, curing, installing all pipe support and mechanical/ electrical fittings, fixtures, steel work with necessary welding to reinforcement, anchoring into concrete, sleeves for fenders, pipes for electrical cables etc. complete and transporting the beams from casing yard to jetty and placing in position to lines and levels including necessary bedding in cement mortar 1:2 etc. complete, as per drawings, detailed specifications and directions of Engineer-in-Charge.	1491.00	m ³	29152.50	Rupees Twenty Nine Thousand One Hundred Fifty Two and Fifty Paise Only	4,34,66,377.50	Rupees Four Crore Thirty Four Lakh Sixty Six Thousand Three Hundred Seventy Seven and Fifty Paise Only

Name and address of Tenderer:							
15	Providing, mixing and applying bonding coat of approved adhesives on top of precast concrete surfaces before in-situ concrete works as per specification and directions of Engineer-in-charge Complete in all respect. Epoxy bonding adhesive having coverage 2.2 kg per sq. m of approved make.	5693.00	m ²	317.49	Rupees Three Hundred Seventeen and Forty Eight Paise Only	18,07,456.29	Rupees Eighteen Lakh Seven Thousand Four Hundred Fifty Six and Twenty Nine Paise Only
16	Providing and laying in-situ Reinforced cement concrete of M40 grade for various components such as junction concrete for Pile Muff and beams & insitu portion of pile muff, beams and Slabs etc. using graded coarse & fine aggregates excluding reinforcement work but including cost of materials, labour, shuttering, leveling, compacting, curing, mixing with Bipolar concrete penetrating corrosion inhibiting admixtures, providing necessary arrangements on slab and beam for fixing bollards, fenders, brackets, installing all pipe support and mechanical/ electrical fittings, fixtures, steel work with necessary welding to reinforcement, anchoring into concrete, pipes for electrical cables etc. complete as per drawings, detailed specifications and directions of Engineer-in-charge.	1463.00	m ³	24955.00	Rupees Twenty Four Thousand Nine Hundred Fifty Five Only	3,65,09,165.00	Rupees Three Crore Sixty Five Lakh Nine Thousand One Hundred Sixty Five Only
17	Providing and laying in situ Reinforced cement concrete of M40 grade for Handrails and Posts by using graded coarse & fine aggregates, excluding reinforcement work but including shuttering, leveling, compacting, curing, mixing with Bipolar concrete penetrating corrosion inhibiting admixtures etc. complete all as per drawings, detailed specifications and directions of Engineer-in-charge.	13.00	m ³	25300.00	Rupees Twenty Five Thousand Three Hundred Only	3,28,900.00	Rupees Three Lakh Twenty Eight Thousand Nine Hundred Only
18	Providing and laying in situ Reinforced cement concrete of M40 grade for Kerb by using graded coarse & fine aggregates, excluding reinforcement work but including shuttering, leveling, compacting, curing, mixing with Bipolar concrete penetrating corrosion inhibiting admixtures etc. complete all as per drawings, detailed specifications and directions of Engineer-in-charge.	20.00	m ³	25300.00	Rupees Twenty Five Thousand Three Hundred Only	5,06,000.00	Rupees Five Lakh Six Thousand Only
19	Providing and placing in position reinforcement in RCC works such as beams, slabs, pile caps / pile muffs, columns, etc. using CRS High strength deformed TMT steel bars of Fe500D / Fe550D grade as per IS 1786 including cost of all materials, labour, transporting to site, cutting, bending, welding, lapping, tying, binding, fabricating, installing in position, providing cover blocks, hire charges of all equipment, machinery etc. complete as per drawings, detailed specifications and directions of Engineer-in-charge. (The reinforcement bars, authorised laps, lifting hooks, development lengths, dowels for superstructure etc. as per approved bar bending schedule, will be measured & paid for).	523.00	T	120059.70	Rupees One Lakh Twenty Thousand Fifty Nine and Sixty Nine Paise Only	6,27,91,222.32	Rupees Six Crore Twenty Seven Lakh Ninety One Thousand Two Hundred Twenty Two and Thirty One Paise Only
20	Supplying, transporting, storing, fabricating & erecting in position and testing/examining bolted and/ or welded hot dipped galvanised(120 microns) STEEL WORKS of Grade E250(confirming to per IS:2062) at all locations and levels, including all builtup sections/ compound sections made out of rolled sections and/or plates/ bent plates in all types of structural frameworks, guide yoke or any other structural items or accessories to support pontoons or such other structures, etc., cutting to required size, straightening/ bending if required, edge preparation, cleaning, preheating, bolting/ welding of joints, (including sealing the joints of box sections with continuous welding and plugging any open ends & holes of box sections), finishing edges by grinding, fixing in line and level with temporary staging & bracing and removal of the same after erection and submission of detailed fabrication drawings etc., all complete.	12.00	T	148836.18	Rupees One Lakh Forty Eight Thousand Eight Hundred Thirty Six and Seventeen Paise Only	17,86,034.12	Rupees Seventeen Lakh Eighty Six Thousand Thirty Four and Twelve Paise Only
21	Providing and fixing in position to lines and levels 100 T capacity double horn cast iron bollard as shown in the drawing including supplying and fixing in position anchor bolts, nuts, grouting inside with cement concrete of M40 grade excluding reinforcement and also including painting the bollard, the exposed surface shall be shot blasted and coated with zinc rich primer of 50 microns and two coats of high build epoxy solid paint (150 microns each) etc. complete as per drawing, detailed specifications and directions of engineer in charge.	7.00	Nos.	181450.00	Rupees One Lakh Eighty One Thousand Four Hundred Fifty Only	12,70,150.00	Rupees Twelve Lakh Seventy Thousand One Hundred Fifty Only
22	Providing and laying in situ cement concrete of M40 grade using graded coarse & fine aggregates, mixed with secondary reinforcement of "polyester triangular fiber" @ 0.975 kg/m ³ for wearing course (screed) of average thickness of 75 mm over deck slab with slope and construction joint with filler as specified in the drawings and finishing the surface with floor hardener of approved quality and monolithically to the base concrete to provide highly abrasion resistant surface, including casting in panels, providing slopes on surfaces as specified, vibrating, tamping, curing etc. complete as per drawings, detailed specifications and directions of Engineer-in-Charge.	281.00	m ³	21505.00	Rupees Twenty One Thousand Five Hundred Five Only	60,42,905.00	Rupees Sixty Lakh Forty Two Thousand Nine Hundred Five Only
23	Supply and application of Rearm Crete FC putty Build, first coat Epilux 9 IPN coating grey (airless spray / brush)-50 microns, second coat Epilux 9 HB phenolic IPN coating light grey (airless spray/ brush)- 100 microns, finishing coat Berger thane IPN coating dark grey (airless spray/ brush)-50 microns as per drawing and specifications including manpower, paint, consumables, scaffolding fixing and removing, cleaning and preparing surfaces with sand paper if necessary or by any other approved means etc., tools & tackles, power tooling (grinding), pontoon, electricity, steel rod cutting, safety PPE's, overheads, etc. complete.	7354.00	m ²	1485.00	Rupees One Thousand Four Hundred Eighty Five Only	1,09,20,690.00	Rupees One Crore Nine Lakh Twenty Thousand Six Hundred Ninety Only
24	Providing and fixing in position Super Cone fender of size 1200 H having minimum energy absorption capacity of 68 Ton-m per metre at max 72.0% deflection and max reaction force 135T with frontal frame of size 1950mm x 3000mm of approved quality with all fixtures and accessories, fascia pad, necessary chains, anchor bolts etc. complete all as per detailed specifications and directions of Engineer in Charge. The energy and reactions shall include the tolerances specified in the codes and specifications such as derating factors for temperature, manufacturing tolerance of 10% etc.	6.00	No.	990000.00	Rupees Nine Lakh Ninety Thousand Only	59,40,000.00	Rupees Fifty Nine Lakh Forty Thousand Only
25	Providing and fixing in position D-type rubber fenders 150mm H x 150mm D having energy absorption capacity of 0.25 Ton-m per metre at max 52.5% deflection and max reaction force 9.6T per metre including bolts, nuts and washers of stainless steel SUS 316 grade, all fixtures, rigidly in correct alignment and position all as per drawings, handling, transportation, third party inspection, materials, labour, staging, tools, equipment, plants, machineries etc. complete as per detailed specifications and directions of Engineer-in-charge.	130.00	m	41400.00	Rupees Forty One Thousand Four Hundred Only	53,82,000.00	Rupees Fifty Three Lakh Eighty Two Thousand Only
26	Providing and fixing Stainless steel (SS 316 grade) ladder with stainless steel sections including anchor bolts, of width 0.45 m and 3.0 m long using rods, S S flats and handrails using 20mm dia. Stainless steel round bars etc. complete all as per drawings, detailed specifications and directions of Engineer-in-charge.	3.00	No.	106375.00	Rupees One Lakh Six Thousand Three Hundred Seventy Five Only	3,19,125.00	Rupees Three Lakh Nineteen Thousand One Hundred Twenty Five Only
27	Providing and fixing stainless steel (SS-316) mooring ring of outer dia. 200mm, using 25mm dia. rod including welding with suitable electrodes, fixing the same to the stainless steel 400mm long eye hook cut out of 32mm dia. bar fixed at the face of the jetty etc. complete as per drawings, detailed specifications and directions of Engineer-in-charge.	17.00	No.	17250.00	Rupees Seventeen Thousand Two Hundred Fifty Only	2,93,250.00	Rupees Two Lakh Ninety Three Thousand Two Hundred Fifty Only

Name and address of Tenderer:							
28	Providing, cutting to required length and placing in position before concreting, 80mm dia. GI pipe (Medium Class) for drainage of rain water in deck, all as per drawings, detailed specifications and directions of Engineer-	194.00	m	2530.00	Rupees Two Thousand Five Hundred Thirty Only	4,90,820.00	Rupees Four Lakh Ninety Thousand Eight Hundred Twenty Only
29	Finishing with Epoxy paint (two or more coats) at all locations prepared and applied as per manufacturer's specifications including appropriate priming coat, preparation of surface, etc. complete. On concrete work for handrails and posts.	342.00	m ²	261.77	Rupees Two Hundred Sixty One and Seventy Seven Paise Only	89,525.80	Rupees Eighty Nine Thousand Five Hundred Twenty Five and Seventy Nine Paise Only
Total for Part: B						65,11,08,847.94	Rupees Sixty Five Crore Eleven Lakh Eight Thousand Eight Hundred Forty Seven and Ninety Four Paise Only
C Part - C : Providing Electrical facilities							
1	Supply, of 11 Mtr long GI octagonal pole made of MS steel having necessary sections if required as per manufactures design with suitable base plate and necessary single arm each ,min sheet steel thickness 3mm , foundation bolts, suitable for providing 200 W Flame proof light fittings - 2 NOS, as required and all related works as directed by the EIC.	5.00	Nos	22288.14	Rupees Twenty Two Thousand Two Hundred Eighty Eight and Fourteen Paise Only	1,11,440.70	Rupees One Lakh Eleven Thousand Four Hundred Forty and Seventy Paise Only
2	Installation, testing and commissioning of 11 Mtr long GI octagonal pole made of MS steel having necessary sections if required as per manufactures design with suitable base plate and necessary single arm each ,min sheet steel thickness 3mm ,suitable for providing 200 W Flame proof light fittings - 2 NOS, and all materials required for installation like interconnecting cable with 1 Runs of 3C x2.5 sq.mm FR PVC insulated stranded copper conductor flexible cable , bolts, nuts, DIN rail, 16A SP MCB-1 Nos, 32A connectors heavy duty 4way, N.L-2Nos, 3mm thick laminated hylem sheet, Pole earthing, glanding includings connection complete as required and all related works as directed by the EIC.	5.00	Nos	7556.00	Rupees Seven Thousand Five Hundred Fifty Six Only	37,780.00	Rupees Thirty Seven Thousand Seven Hundred Eighty Only
3	Building of RCC foundation from the existing berth slab/curb with anchoring stud, foundation Bolts etc.for as per manufacturer recommendation including all materials for foundation as per the manufacturer drawing for 11 Metre pole by providing necessary template and all related works as directed by the EIC.	5.00	Nos.	2093.60	Rupees Two Thousand Ninety Three and Sixty Paise Only	10,468.00	Rupees Ten Thousand Four Hundred Sixty Eight Only
4	Supply , installation , testing and commissioning of 200 W LED Flame proof LED street light with pressure die-cast housing, high performance polycarbonate optics and IP66 ingress protection. 4kV inbuilt surge protection with Top opening driver cover for easy maintenance, suitable for zone - 1 & zone- 2, gas/vapour Group II A,II B, II C, CIFMR - BIS - PESO CERTIFIED, Efficiency 120 Lm/W for street lights at Q2 & Q3 berths .	24.00	Nos.	13460.17	Rupees Thirteen Thousand Four Hundred Sixty and Seventeen Paise Only	3,23,044.08	Rupees Three Lakh Twenty Three Thousand Forty Four and Eight Paise Only
5	Supply , installation , testing and commissioning of FLAMEPROOF Junction Boxes 16 A , Size 200mmX 150MM X 120 MM SUITABLE FOR ZONE- 1 & ZONE - 2, GAS/VAPOUR GROUP II A, II B, & II C , CIMFR - BIS - PESO CERTIFIED supply detail: 1. Cable size 4C X 4 sqmm CU, UG Armoured cable. 2. Holes Qty- 4 nos. , preferably side holes. 3. 16 A terminal 4 P.	5.00	Nos.	8608.47	Rupees Eight Thousand Six Hundred Eight and Forty Seven Paise Only	43,042.35	Rupees Forty Three Thousand Forty Two and Thirty Five Paise Only
6	Supply of 3.5 C x 50 SQ MM Aluminium Power Cables XLPE Insulated, FR, cores laid up, PVC tape/Extruded Innersheathed for Multicore Cables , Armour extruded PVC Type ST2 sheathed, 650/1100V grade as per IS 7098(Part 1) 1988	325.00	m	239.04	Rupees Two Hundred Thirty Nine and Four Paise Only	77,688.00	Rupees Seventy Seven Thousand Six Hundred Eighty Eight Only
7	Laying and fixing of one number 3.5C x 50 sq. mm PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade on wall surface (clamping with SS clamp) as required.	325.00	m	218.92	Rupees Two Hundred Eighteen and Ninety Two Paise Only	71,149.00	Rupees Seventy One Thousand One Hundred Forty Nine Only
8	Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required.						
8.1	Upto 4C x 4 sq mm	35.00	Nos.	284.00	Rupees Two Hundred Eighty Four Only	9,940.00	Rupees Nine Thousand Nine Hundred Forty Only
8.2	3½ X 50 sq. mm (35mm)	2.00	Nos.	488.71	Rupees Four Hundred Eighty Eight and Seventy One Paise Only	977.42	Rupees Nine Hundred Seventy Seven and Forty Two Paise Only
9	Supplying and laying of following size DWC HDPE pipe ISI marked along with all accessories like socket, bend, couplers etc. conforming to IS 14930, Part II complete with fitting and cutting, jointing etc.direct in ground (75 cm below ground level) including excavation and refilling the trench but excluding sand cushioning and protective covering etc., complete as required. 110 mm dia (OD-110 mm)	50.00	m	435.46	Rupees Four Hundred Thirty Five and Forty Six Paise Only	21,773.00	Rupees Twenty One Thousand Seven Hundred Seventy Three Only

Name and address of Tenderer:							
10	Providing pipe earthing for poles with 1 M Cu bonded Rod 100 Micron with 4mm Dia CU wire and giving connections to poles etc. as required	2.00	Nos.	1200.00	Rupees One Thousand Two Hundred Only	2,400.00	Rupees Two Thousand Four Hundred Only
11	Providing and fixing 25 mm X 5 mm G.I. strip on ground by excavation for connections etc. as required.	100.00	m	288.71	Rupees Two Hundred Eighty Eight and Seventy One Paise Only	28,871.00	Rupees Twenty Eight Thousand Eight Hundred Seventy One Only
12	SITC of KV Thermoplastic out door Circuit Breaker Boxes IP 65 (with metric knockouts for cable entry, 1 row 4 modules, 126 x 228 x 111 mm, with suitable glands (HENSEL) including MCB - 4 NOS.	1.00	Nos.	2229.50	Rupees Two Thousand Two Hundred Twenty Nine and Fifty Paise Only	2,229.50	Rupees Two Thousand Two Hundred Twenty Nine and Fifty Paise Only
13	Supplying and installing following size of perforated Hot Dipped Galvanised Iron cable tray (Galvanisation thickness not less than 50 microns) with perforation not more than 17.5%, in convenient sections, joined with connectors, suspended from the ceiling with G.I. suspenders/angle including G.I. bolts & nuts, etc.as required. (300 mm width X 62.5 mm depth X 2.0 mm thickness)	200.00	m	1418.88	Rupees One Thousand Four Hundred Eighteen and Eighty Eight Paise Only	2,83,776.00	Rupees Two Lakh Eighty Three Thousand Seven Hundred Seventy Six Only
14	SITC of Polycarbonate Lights control panel with timer , Contactor, Auto /M switch MCB etc as required Incomings 40A FP MCB - 1 No. 32A 4P CONTACTOR - 1 No. 24 Hr DIGITAL TIME SWITCH - 1 No. 2A SP control MCB - 1 No. Outgoings 10A SP MCB - 6 Nos.	1.00	Nos.	45926.59	Rupees Forty Five Thousand Nine Hundred Twenty Six and Fifty Nine Paise Only	45,926.59	Rupees Forty Five Thousand Nine Hundred Twenty Six and Fifty Nine Paise Only
Total for Part: C						10,70,505.64	Rupees Ten Lakh Seventy Thousand Five Hundred Five and Sixty Four Paise Only
TOTAL FOR PART : A + B + C + D						66,40,72,115.81	Rupees Sixty Six Crore Forty Lakh Seventy Two Thousand One Hundred Fifteen and Eighty One Paise Only
BIDDER'S QUOTING AREA							
Percentage Quoted above / below the Departmental Amount shown in the above Schedule		Departmental Estimated Cost (Rs)	Percentage Quoted above/ below the Departmental Amount by the Bidder		Above/Below		
			In Figures	In Words			
*Note 1. The Bidder shall quote both in figures and words 2. The Bidder shall also quote Above/Below in words themselves in the last column 3.Only two decimal digits will be accepted.		66,40,72,115.81					
" This is a Electronic Submission No Need of Signature"							