#### **CORRIGENDUM-I**

#### Ref. Tender Notice No.: KOPT/KDS/CIV /T/2148/60/3 Dt. 12.04.2017

E Tender No. KoPT/Kolkata Dock System/CE/8/17-18/ET/23

Name of Work:-E- Tender for "Repair and renovation to the outside and inside of shed no. 23 & 24 including surrounding drains and depressed surface area at K.P. Dock-II..

Page Ref.	In place of	To be read as
Bill of Quantities From Page no. 39 to 54)	Documents as alreadt uploaded to be treated as cancelled .	Documents as mentioned below and being uploaded with this CORRIGENDUM NOTICE NO. I will be treated as valid and applicable.

All other terms & conditions and Clauses will remain same as per original

NIT No. **KOPT/KDS/CIV/T/2148/60/3 Dt. 12.04.2017** 

E Tender No. KoPT/Kolkata Dock System/CE/8/17-18/ET/23

**Superintending Engineer** 

For मुख्य अभियंता / Chief Engineer

Date: 21.4.2017

## कोलकाता पत्तन न्यास

## Kolkata Port Trust

# सिविल इंजीनियरिंग विभाग

### CIVIL ENGINEERING DEPARTMENT

### **BILL OF QUANTITIES**

**E-TENDER FOR** "Repair and renovation to the outside and inside of shed no. 23 & 24 including surrounding drains and depressed surface area at K.P. Dock-II.."

**E-TENDER NO:** KoPT/Kolkata Dock System/CE/8/17-18/ET/23

### **BILL OF QUANTITIES**

It No.	Description of item	Quantity	Rate Rs. P.	Unit	Amount. Rs. P.
1	Dismantling all types of masonry excepting cement concrete plain or reinforced, stacking serviceable materials at site and removing rubbish as directed within a lead of 75 m				KS. I.
а	In gr. Fl. Including roof	100.00	451.00	Per Cum	45100.00
b	In first. Fl. Including roof	30.00	501.00	Per Cum	15030.00
2	Dismantling of all types of plain cement concrete works upto 150 mm thick stacking serviceable materials at site and removing rubbish as directed within a lead of 75 metre.				
а	In gr. Fl. Including roof	20.00	949.00	Per Cum	18980.00
b	In first. Fl. Including roof	10.00	999.00	Per Cum	9990.00
3	Stripping off worn out plaster and raking out joints of walls, celings etc. upto any height and in any floor including removing rubbish within a lead of 75m as directed.	3000.00	19.00	Per Sqm	57000.00
4	Labour for lowering and stacking after dismantling in parts R.S. joists, channels, angles, tees, plates etc.complete as directed. From 1st floor level	600.00	199.00	per Qtl.	119400.00
5	Dismantle R.C. floor, roof beams etc. including cutting rods and removing rubbish as directed within a lead of 75	000.00	100.00	por wit.	110400.00

	metre including stacking of steel bars in all floors.				
	(a) in Ground floors including roof	20.00	1975.00	Per Cum	39500.00
	(b) First floor including roof	10.00	2025.00	Per Cum	20250.00
6	Dismantle artificial stone flooring up to 50 mm thick carefully chiselling without damaging base and removing rubbish as directed within a lead of 75m in 1st floors.	150.00	56.00	Per Sqm	8400.00
7	Dismantling carefully wood work in posts, postplates, rafters, partition etc., sorting and stacking serviciable materials at site and removing rubbish as directed.	1.00	281.00	Cu.M.	281.00
8	Earth work in excavation of foundation trenches or drains, in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing, spreading or stacking the spoils within a lead of 75 m. as directed. The item includes necessary trimming the sides of trenches, levelling, dressing and ramming the bottom, bailing out water as required complete.				
	Depth of excavation not exceeding 1,500 mm.	550.00	12,047.00	%Cum	66258.50
9	Earth work in filling in foundation trenches or plinth with good earth, in layers not exceeding 150 mm. including watering and ramming etc. layer by layer complete. (Payment to be made on the basis of measurement of finished quantity of work).				
	(a) With earth obtained from excavation of foundation.	250.00	7,831.00	%Cum	19577.50
10	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand.	650.00	377.00	Per Sqm	245050.00
11	Filling in foundation or plinth by fine sand in layers not exceeding 150 mm as directed and consolidating the same by thorough saturation with water, ramming complete including the cost of supply of sand. (payment to be made on measurement of finished quantity)	450.00	1,10,422.00	%Cum	496899.00
12	Applying epoxy based reactive joining agent for joining the old concrete with fresh concrete to be applied within manufacturer's specified time as per manufacturers specification. (0.4 Kg / m² of concrete surface).	250.00	356.00	Per Sqm	89000.00
13	Providing Ordinary Cement concrete (mix 1:1.5:3) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement if any, as per relevant IS codes.	200.00	333.00		3333.00

	(i) Pakur Variety				
а	in ground floor including roof			Per	
1.	In Cost Cost and Process	80.00	6804.43	Cum	544354.40
b	In first. floor Including roof	20.00	6900.43	Per Cum	138008.60
14	Providing Ordinary Cement concrete (mix 1:2:4) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement, if any, in gound floor as per relevant IS codes.  Pakur Variety				
а	in ground floor including roof	875.00	6064.02	Per Cum	5306017.50
b	In first. floor Including roof	5.00	6160.02	Per Cum	30800.10
15	Reinforcement for reinforced concrete work in all sorts of structures including distribution bars, stirrups, binders etc initial straightening and removal of loose rust (if necessary), cutting to requisite length, hooking and bending to correct shape, placing in proper position and binding with 16 gauge black annealed wire at every intersection, complete as per drawing and direction. Tor Steel /Mild Steel For work in foundation, basement and upto roof of ground floor/ upto 4m. Other than SAIL/ TATA/RINL	5.00	52046.00	Dow M.T.	200000 00
- 10		5.00	52016.00	Per M.T	260080.00
16	Hire and labour charges for shuttering with centering and necessary staging upto 4 m using approved stout props and thick hard wood planks of approved thickness with required bracing for concrete slabs, beams and columns, lintels curved or straight including fitting, fixing and striking out after completion of works (upto roof of ground floor)  (a) 25 mm to 30 mm thick wooden shuttering as per decision & direction of Engineer-In-Charge.  (b) 25 mm to 30 mm shuttering without	100.00	360.00	Per Sqm	36000.00
	staging in foundation	500.00	225.00	Per Sqm	112500.00
17	Providing and laying Brick work with 1st class bricks in cement mortar (1:6)				
(a)	In foundation & plinth	225.00	5719.00	Per Cum	1286775.00
(b)	In superstructure				
(i)	in ground floor including roof	55.00	5943.00	Per Cum	326865.00
(ii)	In first. floor Including roof	5.00	6055.00	Per Cum	30275.00
18(a)	125 mm. thick brick work with 1st class bricks in cement mortar (1:4) in ground floor.	100.00	783.00	Per Sqm	78300.00
(b)	In first floor	250.00	795.00	Per Sqm	198750.00
19	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints including throating, nosing and drip course,				

	scaffolding/staging where necessary (Ground floor).[Excluding cost of chipping over concrete surface]				
(i)	With 1:6 cement mortar 15 mm thick plaster			Per	
	(a) -In gr. Fl.	4000.00	156.00	Sqm	624000.00
	(b) in first floor	2000.00	160.00	Per Sqm	320000.00
(ii)	With 1:4 cement mortar 10 mm thick plaster	2222.22	4.40.00	Per	000000
	(a) -In gr. Fl. (b) in first floor	2000.00	140.00	Sqm Per	280000.00
	` '	1500.00	144.00	Sqm	216000.00
20	Providing and laying Neat cement punning about 1.5 mm. thick in wall, dado, window, sills, floor, drain etc.  NOTE: Cement 0.152 cu.m. per 100	1500.00	38.00	Per	57000.00
21	sq.m. Supplying and laying Polythene Sheet	1500.00	36.00	Sqm	57000.00
	(150gm / sq.m.) over damp proof course or below flooring or roof terracing or in	0000 00	05.00	O = M	50000.00
22	foundation or in foundation trenches.  Providing & laying Artificial stone in	2000.00	25.00	Sq. M	50000.00
	floor, dado, staircase etc with cement concrete (1:2:4) with stone chips, laid in panels as directed with topping made with ordinary or white cement (as necessary) and marble dust in proportion (1:2) including smooth finishing and rounding off corners including raking out joints or roughening of concrete surface and application of cement slurry before flooring works using cement @ 1.75 kg/sq.m all complete including all materials and labour.  In first floor  3 mm. thick topping (High polishing)				
	grinding on this item is not permitted with ordinary cement). Using grey cement - 35 mm thick			Per	
		800.00	377.58	Sqm	302064.00
23	Supply, fit and fix in position 3 mm thick(5.10 kg/sqm.) fibre glass panes of approved quality with resin, nail, clip etc., as per IS 12866 – 1989 in all floor for internal wall & 6m height for external wall.	800.00	1625.00	Per Sqm	1300000.00
24(a)	Labour for hoisting and placing in proper position (up to 1st floor level) departmental R.S. joists, channels, angles. Tees, plates etc. including fitting and fixing same with bolts and nuts, if necessary (but excluding cost of such bolts and nuts)	200.00	416.00	Qntl.	83200.00
(b)	up to 2 nd floor level	100.00	491.00	Qntl.	49100.00
25	Cutting to requisite length or shape departmental R.S. joists, channels, angles, tees, plates etc. ( Payment to be made on area of cut surface)				
	,	2000.00	8.00	Sq. cm.	16000.00
26	Supplying M.S.or W.I. Ornamental grill of approved design joints continuously				

	welded with M.S, W.I. Flats and bars of windows, railing etc. fitted and fixed with necessary screws and lugs Grill weighing above 10 Kg./sq.mtr and up to 16 Kg./sq. mtr.				
(a)	in ground floor.	40.00	0047.00	Ontil	00470.00
(b)	in first floor.	10.00	8247.00	Qntl	82470.00
27	M.S. structural works in columns, beams	30.00	8329.47	Qntl	249884.10
	etc. with simple rolled structural members (e.g. joists, angle, channel sections conforming to IS: 226, IS: 808 & SP (6)- 1964 connected to one another with bracket, gussets, cleats as per design, direction of Engineer-incharge complete including cutting to requisite shape and length, fabrication with necessary bolting, metal arc welding conforming to IS: 816- 1956 & IS: 1995 using electrodes of approved make and brand conforming to IS:814-1957, haulage, hoisting and erection all complete. The rate includes the cost of rolled steel section, consumables such as electrodes, gas and hire charge of all tools and plants and labour required for the work including all incidental chages such as electricity charges, labour insurance charges etc.  Payment to be made on the basis of calculated weight of structural members only in finished work as per IS specified weight. Payment for gusset, bracket, cleat, rivets, bolts and nuts may be make by adding the actual weight of such items with the weight of finished structural members or 7% of weight for finished structural members weighing less than 22.5 Kg. / m. or 15 % of weight for finished  Structure members weighing less than 22.5 Kg. / m. may be increased allow for bracket, cleat, rivet, bolts and nuts etc. and no separate payment being made for these items, as per direction of Engineer In  Charge. The rates are considered for a height of erection 8m. / 2nd floor level from the ground. Add 1.5% extra over the rate for each additional floor or 4m. beyond initiial 8m. or part thereof.				
а	I) For structural members of specified sections weighing not less than 22.5 Kg./m ,in ground floor	6.00	68,292.00	Per MT	409752.00
b	For Structural Works in Roof Trusses	0.00	,	. 2	
	etc. using joists, channels and angles of specified section weighing less than 22.5 kg/ m in ground floor	17.00	69,462.00	Per MT	1180854.00
28(a)	Welding in M.S. structural work with gas		,	Cm.	
	or electric: Continuous weld	8000.00	9.00	Run	72000.00

/h)	Tack wold			Doz	
(b)	Tack weld	5000.00	9.00	Per point	45000.00
29	Supplying 1.5mm thick M.S. sheet fitted and fixed on one or both faces of M.S./W.I. gate etc. with point welding at not more than 150mm apart complete in all respect as per design including cost of all labour and materials.	260.00	1,102.00	Sq.m.	286520.00
30	Collapsible gate with 40mm x 40mm x	200.00	1,102.00	Oq.iii.	200020.00
	6mm Tee as top and bottom guide rail, 20mm x 10mm x 2mm vertical channels 100mm apart in fully stretched position 20mm x 5mm M.S. flats as collapsible bracings properly rivetted and washered including 38mm steel rollers including locking arrangements, fitted and fixed in position with lugs set in cement concrete and including cutting necessary holes, chasing etc. in walls, floors etc. and making good damages complete. In ground floor	25.00	3,726.00	Sq.m.	93150.00
31(a)	Supplying, fitting and fixing windows and ventilators with or without integrated grills conforming to IS 1038-1975 and manufactured from rolled steel sections conforming to IS 7452-1974 with non-friction projecting type, box type hinges, glazing clips, lugs locking bracket, handle plate etc, including hoisting in position, straightening if required, fixing lugs in cement concrete (1:2:4) with stone chips 20 mm down cutting holes and mending good damages to match with existing surface complete in all respect excluding glazing. Flash butt welded windows and ventilators - Without integrated grills.  Fixed type steel windows as per IS sizes with horizontal glazing bars.(no shop priming will be allowed to facilitate inspection of workmanship) in ground floor.	350.00	1 330 00	93 E	465500.00
(b)	in ground floor In first floor	350.00	1,330.00	Sq.m.	465500.00
20	Cohympiand commented into the state of	350.00	1,345.96	Sq.m.	471086.00
32	Galvanised corrugated iron sheet work (excluding the supporting frame work) fitted and fixed with 10 mm. dia J or L hook-bolts, limpet and bitumen washers and putty complete with 150 mm. end lap and one corrugation minimum side lap. (Payment to be made on area of finished work)(GCI sheet to be supplied by contractor) With 0.80 mm thick sheet-In Roof	120.00	947.00	Sqm	113640.00
33	Taking out rain water down pipe.				
34(a)	Supplying, fitting & fixing UPVC pipes A-	350.00	904.00	% Mtr	3164.00
- '(3)	Type and fittings conforming to IS:13592-1992 with all necessary clamps nails, including making holes in walls, floor etc. cutting trenches in any soil through masonry concrete	300.00	570.00	Mtr.	171000.00

	structures etc if necessary and mending good damages including joining with jointing materials (Spun Yarn, Valamoid/Bitumen/M-Seal etc) complete.				
(b)	110 mm Dia	50.00	291.00	Mtr.	14550.00
35(i)( a)	Bend 87.5 degree 160 mm. Dia.	50.00	408.00	Each	20400.00
(b)	110 mm Dia	25.00	162.00	Each	4050.00
(ii)	Shoe 160 mm. Dia.	50.00	358.00	Each	17900.00
36	Taking out rainwater down pipes, removing chokage and refixing the same in position including mending good damages of taking out and refixing.	400.00	12.00	Per Mtr.	4800.00
37	Removing loose scales, blisters etc. from old painted surface and thoroughly smoothening the surface to make the same suitable for receiving fresh coat of paint.	5000.00	22.00	Per Sqm	110000.00
38	Scraping of moss, blisters etc, thoroughly from exterior surface of walls necessitating the use of scraper, wire brush etc (payment against this item will be made only when this has been done on the specific direction of the Engineer - in- Charge).	6000.00	7.00	Per Sqm	42000.00
39	Providing and applying two coats (to be done on specific instruction) white wash including cleaning and smoothening surface thoroughly All floors.	32000.00	1887.00	Per %	603840.00
40	Priming one coat on steel or other metal surface with synthetic oil bound primer of approved quality including smoothening surfaces by sand papering etc.	2500.00	31.00	Per Sqm	77500.00
41	Painting with best quality synthetic enamel paint of approved make and brand including smoothening surface by sand papering etc. including using of approved putty etc. on the surface, if necessary With other than hi-gloss of approved quality-Two coats (with any shade except white)				
	On steel or other metal surface : -	18000.00	77.00	Per Sqm	1386000.00
42	Painting with ready mixed Black Japan of approved make and brand including smoothening surface - Two coats	500.00	60.00	Per Sqm	30000.00
43(a)	Cement washing including cleaning and smoothening surface thoroughly (cement to be used @15 kg./100 sq.m. of surface for one coat and @25 kg./100 sq.m of surface for two coats):  Exernal Surface - ground floor One coat			Per %	
(b)	In first floor	3000.00	953.00	Sqm Per %	28590.00
(~)		3000.00	1025.00	Sqm	30750.00

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44(a)	Applying decorative cement based paint of approved quality after preparing the surface including scraping the same thoroughly (plastered or concrete surface) as per manufacturer's specification. In ground floor - two coats			Per	
		3000.00	53.00	Sqm	159000.00
(b)	In first floor	3000.00	53.72	Per Sqm	161160.00
45	Providing painting block letters or digits in black japan or any approved paint as per direction.				
	a) Size 4 cm and upto 5 cm	1000.00	10.00	Each	10000.00
	b) Size above 5 cm and upto 7.5 cm.	600.00	11.00	Each	6600.00
	c) Size above 7.5 cm and upto 10.00 cm.	100.00	13.00	Each	1300.00
	d) Size above 15.00 cm and upto 20 cm.	100.00	16.00	Each	1600.00
	e) Size above 40 cm and upto 45 cm	600.00	20.24	Each	12144.00
	f) Size above 45 cm and upto 50 cm	200.00	21.40	Each	4280.00
46	Providing labour for propping up overhead members as a precautionary measure against falling as directed with necessary planks Eucalyptus props, packing nails, wire ropes, iron wires etc, including hire charges of all materials, fittings, fixing, dismantling and removing the props etc, and all ancillary works in this connection complete (payment to be made on volume measurement considering the height and contract area).	200:00	21.70	Per	4200.00
	,	500.00	56.00	Cum	28000.00
47	Renewing worn out putty of glass panes: Panes exceeding 0.2 Sq.m but not exceeding 0.5 Sq.m  Uprooting and removing plants from the	300	53.00	Each	15900.00
40	surface of walls parapet etc and making good damages. Repairing of damages to be paid separately.				
	(a) Small plant of girth of exposed stem upto 75 mm. lift upto 6 mtr.	300.00	51.00	Each	15300.00
	(b) Medium size plant of girth of	550.00	31.00		. 5555.55
	exposed stem above 75 mm. but not exceeding 150 mm. lift upto 6 mtr.	200.00	61.00	Each	12200.00
	(c) Large plant of girth of exposed stem above 150 mm. but not exceeding 225 mm. lift upto 6 mtr.	10.00	189.00	Each	1890.00
49	Removal of rubbish,earth etc. from the working site and disposal of the same beyond the compound, in conformity with the Municipal / Corporation Rules for such disposal, loading into truck and cleaning the site in all respect as per direction of Engineer in charge  Cutting holes and subsequent mending	300.00	168.00	Per Cum	50400.00
	good damages. Diameter exceeding 150 mm. but not exceeding 300 mm.				

а	In brick work				
		2.00	120.00	Mtr.	240.00
b	In concrete work (plain or R.C.) [Cement- 3.0 Kg/Mtr]	50.00	144.00	Mtr.	7200.00
51	Cleaning and sweeping roof in any floor including removing dust, sweeping materials carried to the ground floor vat of the building.	10000.00	2.45	Per Sqm	24500.00
52	Carriage of steel materials over pucca road upto 5 km. Distance including loading in the trucks at the lifting point, unloading at destination stacking properly in godowns or yard etc. as directed including carriage by head load upto alead of 50m. At each of two points.	20.00	178.00	Per MT	3560.00
53	Labour for taking out stone sets (size 100 mm x 125 mm x 250 mm) from damaged pavement (in cement mortar), remove mortar from surface of the stone sets and stack the stone sets as directed within a lead of 75 metre. (Payment to be made on the number of stone set taken out).	350000.00	55.00	Per 100 Nos	192500.00
54	Stone set pavement with the joints set close in cement mortar (1:6) excluding the cost of stone sets but including the cost of carriage thereof within a lead of 150 m. When laid with a cushion of sand below (including cost thereof)				
	100 mm thick pavement	14000.00	62.00	Per Sqm	868000.00
55	Making one set of scaffolding only for replacing glass panels, painting, uprooting plant and another repairing works of building and S&P works for external works only with 10 cm. dia bamboo as main posts at the rate of 1 metre centre to centre and 7.5 cm. dia bamboo ties @ 0.75 metre apart fitting and fixing with necessary coir, nails etc. as per direction of the Engineer-incharge.(One no.to be paid and then labour rate for shifting upto further nineteenth (19) times @ 10% each time to be considered)				
а	3.90 metre height	10.00	386.00	Each	3860.00
b	Labour charge for shifting the scaffolding @ 10% of each shifting.	100.00	38.60	Each	3860.00
С	Extra for additional 3.6 heights or part thereof.	10.00	349.00	Each	3490.00
d	Labour charge for shifting the above scaffolding @ 10% of each shifting.	100.00	34.90	Each	3490.00
56	Surface Dressing of the ground in any kind of soil including removing vegetation inequalities not exceeding 15 cm depth and disposal of the rubbish within a lead upto 75 m as directed.	10000.00	4.29	Per Sqm	42900.00
57	Cleaning rubbish, sludge, weeds scum, liquid earth, mud etc.etc.from road side masonary drain/ hume pipe drain/	50.00	292.00	Per cum	14600.00

	culvert etc. by mathor labour after removing concrete.Slab/manhole cover				
	etc.without damaging the same and				
	refixing the same properly after cleaning				
	as necessary and removing the sludge				
	etc.etc.by using iron pans,buckets				
	including all labour, tools & plants				
	including removing the spoils in dry condition and disposing the same by				
	truck beyond the road side in conformity				
	with municipal/corporation rules for such				
	disposal including loading into truck and				
	cleaning the road side in all respects as				
	per direction of the Engineer-in-Charge.				
	(Payment will be made on the basis of				
	actual stack measurement of spoils in				
	dry condition at roadside)				
	dry condition at roadside)				
58	Cleaning and removing cnservancy				
	garbage mixed with rubbish & other				
	filthy materials from the road side flank,				
	drain and compound including sutting,				
	loading, unloading to and from truck or				
	cart by Mathor labour & removing the				
	same to any distance.	500.00	5718.00	%Cum	28590.00
59	Supplying and laying 2mm thick plastic				
	felt sheet(P.B.M. felt 2504 or equivalent				
	brand ) over flat/ slope roof including				
	necessary lapping wherever necessary			D	
	after taking out old tarfelt and cleaning	400.00	400 50	Per	
	the surface thoroughly.	100.00	103.53	sqm.	10353.00
60	Provide and paint roof surface with				
	bitumen 80/100 VG -10(using 135				
	kg(avg) per 100 sqm including cleaning				
	roof, heating bitumen as directed and			Per	
	spreading sand @ 0.6 cum per 100 Sqm	250.00	70.70		1767E 00
61	including cost and carriage of bitumen.	230.00	10.10	sqm.	17675.00
61	Supply air compressor machine				
	including labour, operator, fuel,	_	4000.00	D !	0.1005.55
	permit etc. for 8 hrs.	5	4200.00	Per day	21000.00
62	Supply earth mover/ exacavator cum				
	loader including fuel, permit etc for 8				
	hrs.	10	6672.00	Per day	66720.00
63	Supply of ERWMS (Electrical				
	Resistance Welded M. S.) black pipe				
	of TATA make (heavy quality) as				
	standard specification, 5 mm			Per	
	thick.300 mm dia internal	50.00	3988.00	Mtr.	199400.00
64	Suppling, fitting and fixing in position				
	reinforced cement polymer concrete,				
	manhole / gullypit cover with				
	matching frame as per IS 12592				
	(MD) - 35 MT load bearing capacity,				
	round manhole cover, provided with				
	two lifter hooks fitted with matching				
	frame of size - cover- 700 mm x 100				
			<u></u>		
	(approx).	5.00	4744.00		23720.00
65				Per	
	including uprooting / removing of	10000.00	1.10	sqm.	11000.00
65	mm, frame 910 mm x 185 mm, opening - 560 mm, weight - 245 Kg	5.00	4744.00 1.10		

					1
	rank vegetation, cutting grass, bush				
	wood, cutting/removing small tree				
	saplings or branches of trees falling				
	under cutting area at different area				
	of dock and removing spoil upto a				
	distance of 50 m outside the				
	periphery of the area cleared as per				
	direction including all lead, lifts				
	cutting instrument, labours etc				
	complete in all respect.				
66	Labour charges for MS structural works				
	for covering Hydraulic Duct manhole				
	cover and other structures with SH Steel				
	simple rolled structural members (e. G.				
	Joists, angle, channel, MS Flat "T"				
	Section, MS Plate / chequered plate etc				
	or with any other steel sections				
	connected to one another with old				
	bracket, gusset, cleats as per design				
	and direction of Engineer-in-Charge				
	complete including cuting to requisite				
	shape and length, fabrication with				
	necessary bolting, metal arc welding				
	conforming to IS 816-1956 & IS 1995				
	using electrodes of approved make and				
	brand conforming to IS 814-1957				
	haulage, hoisting and erection all				
	complete. The rate includes the cost of				
	consumables materials such as				
	electrodes, gas and hire charges of all				
	tools and plants and labour required for				
	the work including all incidental charges				
	such as electricity charges labour				
	insurance charges if any etc. (Payment				
	to be made on the basis of calculated				
	weight of structural members repaired				
	with SH Steel only. (For use of nut, bolt				
	and washers if any to paid separately.)				
	For structural works with any other steel				
	sections of specified section weighing				
	less than 22.5 Kg/Mtr.	3.00	18450.02	Per MT	55350.06
67	Cement concrete (1:1.5:3) with				
	graded stone chips 5.6 mm size with				
	hexagonal square mesh wire netting,				
	I.R.C. fabric mesh or X.P. M. fitted				
	and fixed after tying the existing				
	reinforcement on concrete without				
	distributing the same and with proper				
	scarping and cleaning the				
	reinforcement and disturbed				
	concrete with wire brush etc. after				
	applying a coat of cement including				
	the cost of wire netting I.R.C or X.				
	P. M. & cost of all handling and				
	scaffolding complete as per direction				
	of Engineer-in -charge.				
	a) 25 mm thick	50.00	586.00	Per	29300.00
	a) 20 mm thick	50.00	550.00		29300.00
	h) 07 France the late			sqm	
	b) 37.5mm thick			Per	
				sqm	
_					

		100.00	668.00		66800.00
68	Labour for Chipping of concrete surface before taking up Plastering work.	750.00	21.00	Per sqm	15750.00

Total = Rs. 2,11,04,837.76

(Rupees Two Crore Eleven lakh Four thousand Eight hundred hundred thirty seven and paise Seventy six) only

C.F. to the next Page.

### Tenderer to fill up the following [ score out which is not applicable]

(a)% (in figures)Percent (in words)	price not to be quoted here  Below par (-) Rs.					
(b) At par	NIL					
(c)% (in figures)	Above par (+) Rs.					
	Tendered Amount: Rs.					
Total tendered amount (in words						
[The rate quoted shall include all taxes and duties as applicable excluding Service Tax.  Service Tax will be reimbursed by KoPT on submission of necessary documents towards actual payment of Service Tax at full rate for the work as per Finance Act 1994.]						
Maximum number of workmen likely to be engaged in Permanent Income Tax A/C.No	·					
Date:						
-	(Signature of Tenderer)					
[Total amount of tender, completion time and prelimir / stated above are to be carried over to Form of Tende	·					
Witness: - (Name in block letters) Address: Occupation:						