

**Kolkata Port Trust
HALDIA DOCK COMPLEX**

ADDENDUM & CORRIGENDUM NOTICE FOR:

NAME OF WORK: WIDENING OF CONCRETE ROAD AND CONSTRUCTION OF GUARD WALL ALONG THE CARGO STORAGE PLOTS INCLUDING DRAINS BESIDE THE ROADS LEADING TO BERTH NO 13 FROM G.C. BERTH MAIN GATE, HALDIA , HALDIA DOCK COMPLEX.

TENDER NO.: I&CF/SDM/DOCK/T/ 939

No. I&CF/SDM / Dock / T / 939 / 695

Dated: 10.09.2018

**To
(All Bidders)**

Reference tender document for the subject work, the following amendments shall be applicable:

P.T.O.

SI. No.	TENDER VOLUME/ PAGE	REFERENCE	EXISTING DETAILS	TO BE READ / REPLACED AS
1	BOQ - 2	Item no. - 6	Earth work in excavation for road work including cutting and loading in tippers, trimming bottom and side slopes in accordance with requirement of lines, grades, cross sections and camber in all types of soil for pavement, gully pits etc. as per the direction of Engineer including the cost of all labour, stacking within a lead of 6 (six) KM. and lift upto 3.0 Mtr and cost of all plants, tools, tackles, and all other incidental charges. [Payment will be made as per volume of excavation calculated on the basis of pre & post level surveys].	Earth work in excavation for road work including cutting and loading in tippers, trimming bottom and side slopes in accordance with requirement of lines, grades, cross sections and camber in all types of soil for pavement, gully pits etc. as per the direction of Engineer including the cost of all labour, stacking within a lead of 75 mtr. and lift upto 3.0 Mtr and cost of all plants, tools, tackles, and all other incidental charges. [Payment will be made as per volume of excavation calculated on the basis of pre & post level surveys].
2.	BOQ - 2	Item no. - 7	Earth work in filling in foundation trenches with earth available from site in layers not exceeding 150 mm including watering and ramming etc.	Earth work in filling in foundation trenches with earth obtained by excavation under item no.-6 in layers not exceeding 150 mm including watering and ramming etc.
3.	BOQ - 3	Item no. - 16	Supplying and laying chequered tiles of any shade & of approved quality with (1:1½:3) cement concrete laid in panels or patterns as directed in pavement, footpath etc. including necessary underlay 25 mm thick [avg] cement mortar (1:3) complete in all respect with all labour and materials. [Using cement slurry @ 4.4 kg/Sq.m at back side and @2.4 kg/Sq.m for joint filling]	Supply and lay minimum 25 mm thick M25 grade concrete chequered tiles of approved shade and shape & with (1:1½:3) cement concrete minimum 100mm thick laid in panels or patterns as directed in pavement, footpath etc. including necessary underlay of 25 mm thick [avg] cement mortar (1:3) complete in all respect with all labour and materials. [Using cement slurry @ 4.4 kg/Sq.m at back side and @2.4 kg/Sq.m for joint filling]
4.	BOQ - 4	Item no. - 19	Provide and lay Reinforced cement concrete in nominal mix proportion (1:1.5:3) with Pakur stone chips 20 mm down in guard walls, drains, culverts, struts etc. and in other places as directed including compacting, proper curing for specified period but excluding shuttering, staging and reinforcement, all complete and as directed.	Provide and lay Reinforced controlled cement M20 grade with Pakur stone chips 20 mm down in guard walls, drains, culverts, struts etc. and in other places as directed including compacting, proper curing for specified period but excluding shuttering, staging and reinforcement, all complete and as directed.

5.	BOQ - 5	Item no. - 29	Provide, supply & fix in position machine made M 50 grade Paver blocks of size 200 mm x 100 mm x 100 mm (thick) or any other approved size including 50 mm [average] sand cushion as levelling course. The blocks must be cast and cured in a factory of a reputed and approved manufacturer of Paver blocks. Include for transportation from factory to the site of work, dressing, sand cushioning, laying of the blocks in position grade and level, filling the interstices between blocks with sand, vibration with plate vibrators, all complete as directed and as per manufacturer's specification. Include for testing and submission of test reports of paver block concrete cubes and all construction materials as per IS specifications. (Payment will be made on the basis of finished area of paver blocks laid at site).	Provide, supply & fix in position machine made M 50 grade Paver blocks of size 200 mm x 100 mm x 100 mm (thick) or any other approved size including 50 mm [average] sand cushion as levelling course. The blocks must be cast and cured in a factory of a reputed and approved manufacturer of Paver blocks. Include for transportation from factory to the site of work, dressing, sand cushioning, laying of the blocks in position grade and level, filling the interstices between blocks with sand, vibration with plate vibrators, all complete as directed and as per manufacturer's specification. (Payment will be made on the basis of finished area of paver blocks laid at site).
6.	BOQ - 6	Item no. - 31	Flange jointing with GI Bolts, nuts, and washer and CAF/EPDM gasket(confirming to IS 638) including supply all materials.-Flange joint upto 200 mm dia-	Provide and fix DIDF flange conforming to IS9523-2000, class K12, PN10 joint with GI Bolts, nuts, and washer and CAF/EPDM gasket (confirming to IS 638).-Flange joint upto 200 mm dia-
7.	BOQ - 6	Item no. - 32	Modification of DIDF/ Socket pipes like machining to eliminate flange/ socket, making new thread for fixing flange etc and welding flange with pipes around as directed- upto 200 mm dia	Provide and Modify of DIDF/ Socket conforming to IS9523-2000, class K12, PN10 pipes like machining to eliminate flange/ socket, making new thread for fixing flange etc and welding flange with pipes around as directed- upto 200 mm dia
8.	BOQ - 6	Item no. - 33	Fixing & jointing (both side flange with pipe), placing in position in the pipe line of departmental CI sluice valve upto 200 mm dia with necessary rubber gaskets, washers, nuts & bolts, carriage of valves from store etc complete. (Only CI valves will be supplied free of cost from I&CF Store)	Provide fix & joint (both side flange with pipe), placing in position in the pipe line of departmental CI sluice valve upto 200 mm dia with necessary rubber gaskets, washers, nuts & bolts, carriage of valves from store etc complete. (Only CI valves will be supplied free of cost from I&CF Store)

9.	Technical Specifications	Clause no. 5.6 under Batching & Mixing (Page-30)	<p>Unless specified otherwise in these specifications , for 1:3:6 , 1:2:4 and 1:1.5:3 nominal mix concrete (by volume), tilting type stationery mixers with hoppers, pan mixers , truck mixers or digital weigh batcher of approved make , design and capacity may be used. Cement Concrete in nominal mix proportion 1:1.5:3 means M-20 grade of concrete, proportion 1:2:4 means M-15 grade of concrete & proportion 1:3:6 means M-10 grade of concrete. The mixing equipment shall be capable of combining the aggregates, cement and water into a thoroughly mixed and uniform mass within the specified time and of discharging the mixture without segregation. The mixers shall be maintained in a satisfactory operating condition and mixer drums kept free of hardened concrete. Mixers shall be properly cleaned before and after every mixing operation.</p> <p>Mixer blades shall be replaced when worn down more than ten percent (10%) of their depth. Use of mixers which do not function satisfactorily and have leaking drums or other defects shall be discontinued and they shall be repaired or replaced to the Engineer's satisfaction.</p> <p>Batching and mixing for the paving block / M35 concrete shall be done in a controlled manner at a suitable place.</p> <p>Ready-mixed concrete supplied from mechanised Batching Plants and transported to the site of work by Transit Mixers may be used with due approval of the Engineer. Batching plant if used shall conform to IS: 4925:2004 and pan mixers used shall conform to IS-12119:1987.</p> <p>The type and capacity of the plant shall be got approved by the Engineer before commencement of the work. The weighing</p>	<p>Unless specified otherwise in these specifications , for 1:3:6 and 1:2:4 nominal mix concrete (by volume), tilting type stationery mixers with hoppers, pan mixers , truck mixers or digital weigh batcher of approved make , design and capacity may be used. The mixing equipment shall be capable of combining the aggregates, cement and water into a thoroughly mixed and uniform mass within the specified time and of discharging the mixture without segregation. The mixers shall be maintained in a satisfactory operating condition and mixer drums kept free of hardened concrete. Mixers shall be properly cleaned before and after every mixing operation.</p> <p>Mixer blades shall be replaced when worn down more than ten percent (10%) of their depth. Use of mixers which do not function satisfactorily and have leaking drums or other defects shall be discontinued and they shall be repaired or replaced to the Engineer's satisfaction.</p> <p>Batching and mixing for the paving block / M20 / M25 concrete shall be done in a controlled manner at a suitable place.</p> <p>Ready-mixed concrete supplied from mechanised Batching Plants and transported to the site of work by Transit Mixers may be used with due approval of the Engineer. Batching plant if used shall conform to IS: 4925:2004 and pan mixers used shall conform to IS-12119:1987.</p> <p>The type and capacity of the plant shall be got approved by the Engineer before commencement of the work. The weighing balances shall be calibrated. All measuring equipments should be maintained in a clean serviceable condition, and their accuracy periodically checked.</p>
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			<p>balances shall be calibrated. All measuring equipments should be maintained in a clean serviceable condition, and their accuracy periodically checked.</p> <p>Except where expressed otherwise by the Engineer, batching and mixing shall be followed as per relevant Clauses of IS 456-2000.</p>	<p>Except where expressed otherwise by the Engineer, batching and mixing shall be followed as per relevant Clauses of IS 456-2000.</p>
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Bidders are requested to upload this 'Addendum & Corrigendum' dully signed under office seal along with their Techno-Commercial i.e. Cover-I offer as an acknowledgement and acceptance.

**SR. DY. MANAGER (I&CF.)
HALDIA DOCK COMPLEX**

SUB :- E-Tender for "Widening of concrete road and construction of guard wall along the cargo storage plots including drains beside the roads leading to Berth no. 13 from G.C. Berth main gate, Haldia Dock Complex, Haldia."

Tender No. - I&CF/SDM/DOCK/T/939

E-Tender no. :- KoPT/Haldia Dock Complex/I&CF Div/69/18-19/ET/257

Replies to the Bidders' Quarries

Sl. No.	BOQ It. No.	Bidder's Query	Reply
A	<u>Bridge & Roof Co. (India) Ltd.</u>		
1	6 & 8	Please clarify the lead of disposal of earth mentioned in this item.	Refer to Corrigendum
2	7	Please provide the lead of available earth for filling	Refer to Corrigendum
3	13	Clay bricks will be used for this item. Please confirm.	Refer clause no 7.9.1 of Technical Specifications
4	16	a) Please provide the thickness along with grade of concrete for chequered tiles. b) Thickness of 1:1.5:3 cement concrete lead in panels or patterns are required.	Refer to Corrigendum
5	18 & 19	a) It appears that minimum 300 kg of cement per cum. will be used for M-25 grade concrete in item sl. no. 18, Please confirm. b) Batching Plant should be used for proper batching & mixing of all reinforcement cement concrete to ensure proper quality of concrete at site. Please confirm.	a) As mentioned in the it no 18 of BOQ b) Refer to Corrigendum
6	22	Mode of measurement will be applicable on volume of excavated pits. Please confirm.	As mentioned in the it no 22 of BOQ
7	29	Testing and submission of test reports of Paver Block are not in the scope of bidder as cl. No. 6.34 of SCC, Please confirm.	Refer to Corrigendum
8	31	Please provide the materials of Flange to be used.	Refer to Corrigendum
9	32	All materials will be provided by HDC in this item. Please confirm.	Refer to Corrigendum
10	33	Please furnish the materials which will be supplied by the bidder in this item.	Refer to Corrigendum