

ADDENDUM 1

Loan No. and Title:

**ADB Loan No.: Applied For ;
Kolkata Environmental Improvement Investment Program (KEIIP) Project 2**

Contract No. and Title

**KEIIP/NCB/TR-2/WS16/ 2015-16
Laying of Transmission Main from Daspara PS to UGRs at Prantik PH-III, KMC Land on Julpia Road, and Transmission Main from PS to zonal reservoirs.**

SI. No.	Description and Reference clause of Bid document	Details of Addendum 1
1	Deadline for submission of On- line Bids	Revised date shall be : 19.04.2016 at 6.00 PM(IST)
2	Deadline for submission of the Original Documents as required in the sub-clause ITB 11 of Section 2 BDS of Bid Document	Revised date shall be : 22.04.2016 at 2.30 PM(IST)
3	Date of opening of Technical bids	Revised date shall be : 22.04.2016 at 15.00 Hrs.



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Sl. No.	Description and Reference clause of Bid document	Details of Addendum 1
	Section 4 : Bill of Quantities Bill No. 1, Sl. No. 9	Replace : 'Earthwork in excavation in trenches and pits for sewers/ drains, manholes, catch pits, gully pits, inspection pits etc. and any other structures, including bailing out/ dewatering manually or by pumps in all sorts of soil or loose material including removing surplus spoils and debris to a destination to be arranged by Contractor and in keeping with laws of the land, as per specification, drawing and as directed by the Engineer (No extra lead will be payable). (Volume to be measured from the bottom of the road crust i.e. excluding the volume executed under item 1, 2, 3, 4 & 5 above.) Trench shall be kept dry by dewatering and removal of slush' By : 'Earthwork in excavation in foundation trenches and pits, etc. and any other structures, including bailing out/ dewatering manually or by pumps in all sorts of soil or loose material including removing surplus spoils and debris to a destination to be arranged by Contractor and in keeping with laws of the land, as per specification, drawing and as directed by the Engineer (No extra lead will be payable). Trench and pit shall be kept dry by dewatering and removal of slush.'
	Section 4 : Bill of Quantities Bill No. 1, Sl. No. 22	Replace : 'Making corner piles to the required shape and size by cutting" By : 'Making corner piles to the required shape and size by cutting sheet piles longitudinally and welding the same with necessary angles, cleats including transportation, hire charges of all machineries, consumables and all other charges complete.'



	<p>Section 4 : Bill of Quantities Bill No. 1, Sl. No. 23</p>	<p>Replace : 'Hire &labour charges for shoring with MS joists acting as'</p> <p>By : 'Hire &labour charges for shoring with MS joists acting as soldier beams with MS plate laggings packed within flanges of the driven MS joists including MS joist wale beams supported by MS joist struts at sufficient spacing to allow lowering of pipes, suitably designed to withstand all loads for excavation for depth upto 7.0m below GL complete and removing them all as per approved design & direction of the Engineer. Minimum size of joist shall be ISMB 200 and lagging plates will be minimum 12 mm thick (All materials with plants & equipment will be Contractor's supply). The rate shall be inclusive of design of shoring as required. The penetration of MS joists below the final excavation level shall be 500 mm or more as decided by the Engineer. The wale beams and the struts will be secured in position by suitable brackets with welding.'</p>
	<p>Section 4 : Bill of Quantities Bill No. 1, Sl. No. 53</p>	<p>Replace : 'In foundation and plinth'</p> <p>By : 'In foundation and superstructure'</p>
	<p>Section 4 : Bill of Quantities Bill No.1, Sl. No. 55</p>	<p>Replace : 'In foundation and plinth'</p> <p>By : 'In foundation and superstructure'</p>
	<p>Section 4 : Bill of Quantities Bill No.1, Sl. No. 66</p>	<p>Replace : 'Wastewater/ sewage &overpumping from manhole to manhole or otherwise. This item will not be payable for sewer/ drain/ manhole/ catshpit/ gullypit cleaning or CCTV inspection works'.</p> <p>By 'Wastewater/ sewage &over pumping'</p>
	<p>Section 4 : Bill of Quantities Bill No.1, Sl. No. 80</p>	<p>Replace : 'Geotechnical investigation by borelogs upto a depth of 10m below GL</p> <p>By : 'Geotechnical investigation by bore logs upto a depth of 25m below GL</p>
	<p>Section 4 : Bill of Quantities Bill No.1, Sl. No. 82</p>	<p>Replace:</p>



		<p>'Supplying and laying of ductile iron pipes of class K9 conforming to IS:8389 with spigot socket joints (including EPDM gasket). The rate shall also include all bedding (as may be required), labour, tools, tackles & fasteners for fitting & fixing of fittings/ specials. Socketted include fixing MS galvanised clamps, brackets, hangers etc. as may be required as per direction of Engineer. Payment for supplying & fixing DI fittings/ specials, excavation, shoring (if required), backfilling, road restoration shall be paid extra as items.'</p> <p>By</p> <p>'Supplying, lowering and laying of ductile iron pipes of class K9 conforming to IS:8329 with spigot socket joints (including EPDM gasket) and or flanged joints (including gaskets). The rate shall also include supplying & fixing of DI fittings/ specials, all bedding (as may be required), labour, tools, tackles & fasteners, MS galvanised clamps, brackets, hangers etc., as may be required as per direction of Engineer. Payment for excavation, shoring (if required), backfilling, and road restoration shall be paid extra as items.'</p>
	<p>Section 4 : Bill of Quantities Bill No.1, Sl. No. 87</p>	<p>Replace:</p> <p>'Supply and lowering of MS pipe including Epoxy coating (Epoxy 610, internal lining min. 430 micron & external coating min. 600 micron) in trench and jointing the same over ground / inside the trench by means of electric arc welding using standard electrodes as per IS specification . The rate shall also include all bedding (as may be required),labour, tools,miter cut fitting etc. as may be required as per direction of Engineer / site requirement. Payment for excavation, shoring (if required), backfilling, road restoration shall be paid extra as items in BOQ. Cost for MS clamps, brackets, trussels/ bridges and pedestals shall be paid separately. Measurement for payment of pipes shall be taken along the centreline of as laid pipes, for the following diameters, as per Is:3589'</p> <p>By</p> <p>'Supplying, lowering and laying of Spirally welded MS pipe including Epoxy coating (Food grade Epoxy, internal lining min. 430 micron & external coating min. 600 micron) in trench and jointing the same over ground / inside the trench by means of electric arc welding using standard electrodes as per IS specification . The rate shall also include all bedding (as may be required),labour, tools,miter cut fitting etc. as may be required</p>



		as per direction of Engineer / site requirement. Payment for excavation, shoring (if required), backfilling, road restoration shall be paid extra as items in BOQ. Cost for MS clamps, brackets, trestles/ bridges and pedestals shall be paid separately. Measurement for payment of pipes shall be taken along the centre line of as laid pipes, fittings.'
	Section 4 : Bill of Quantities Bill No.1, Sl. No. 88	Replace : '100 mm, 4.0 mm thick' By : 115 mm OD , 6.0 mm thick'
	Section 4 : Bill of Quantities Bill No.1, Sl. No. 89	Replace : '168.3 mm, 4.0 mm thick' By : '166.5 mm OD, 6.0 mm thick'
	Section 4 : Bill of Quantities Bill No.1, Sl. No. 90	Replace : '219.1 mm, 4.5 mm thick' By : '219.1 mm OD, 6.0 mm thick'
	Section 4 : Bill of Quantities Bill No.1, Sl. No. 91	Replace : '323.9 mm, 4.0 mm thick' By : '323.9 mm OD, 8.0 mm thick'
	Section 4 : Bill of Quantities Bill No.1, Sl. No. 92	Replace : '355.6 mm, 4.0 mm thick' By : '355.6 mm OD, 8.0 mm thick'
	Section 4 : Bill of Quantities Bill No.1, Sl. No. 93	Replace '406.4 mm, 4.0 mm thick' By '406.4 mm OD, 8.0 mm thick'
	Section 4 : Bill of Quantities Bill No.1, Sl. No. 94	Replace : '457 mm, 5.0 mm thick' By :

		'457 mm OD, 8.0 mm thick'
	Section 4 : Bill of Quantities Bill No.1, Sl. No. 95	Replace : '508 mm, 5.0 mm thick' By : '508 mm OD, 8.0 mm thick'
	Section 4 : Bill of Quantities Bill No.1, Sl. No. 96	Replace : '610 mm, 6.3 mm thick' By : '610 mm OD, 8.0 mm thick'
	Section 4 : Bill of Quantities Bill No.1, Sl. No. 97	Replace : '711 mm, 6.3 mm thick' By : '711 mm OD, 8.0 mm thick'
	Section 4 : Bill of Quantities Bill No.1, Sl. No. 98	Replace : '813 mm, 7.1 mm thick' By : '813 mm OD, 8.0 mm thick'
	Section 4 : Bill of Quantities Bill No.1, Sl. No. 99	Replace : '914 mm, 8 mm thick' By : '914 mm OD, 8.0 mm thick'
	Section 4 : Bill of Quantities Bill No.1, Sl. No. 100	Replace : '1016 mm, 8.8 mm thick' By : '1016 mm OD, 10.0 mm thick'
	Section 4 : Bill of Quantities Bill No.1, Sl. No. 101	Replace : '1219 mm, 10 mm thick' By : '1219 mm OD, 10.0 mm thick'
	Section 4 : Bill of Quantities Bill No.1, Sl. No. 102	Add after last sentence : 'All pipe sizes are OD.'



Section 4 : Bill of Quantities Bill No.1, Sl. No. 115	Replace : '350 mm' By : '355.6 mm OD'
Section 4 : Bill of Quantities Bill No.1, Sl. No. 116	Replace : '400 mm' By : '406.4 mm OD'
Section 4 : Bill of Quantities Bill No.1, Sl. No. 117	Replace : '450 mm' By : '457 mm OD'
Section 4 : Bill of Quantities Bill No.1, Sl. No. 118	Replace : '600 mm' By : '610 mm OD'
Section 4 : Bill of Quantities Bill No.1, Sl. No. 119	Replace : '1000 mm' By : '1016 mm OD'
Section 4 : Bill of Quantities Bill No.1, Sl. No. 120	Replace : '1200 mm' By : '1219 mm OD'
Section 4 : Bill of Quantities Bill No.1, Sl. No. 143	Add after last sentence : 'All pipe sizes under Sl. No. 145 to 154 are OD.'
Section 4 : Bill of Quantities Bill No.1, Sl. No. 144	Replace : '323.9 mm' By : '100 mm to 250 mm''
Section 4 : Bill of Quantities Bill No.1, Sl. No. 145	Replace : '355.6 mm' By : '323.9 mm to 355.6 mm''

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SL. No	Description and Reference clause of \ Bid document	Details of Addendum 1
	Technical Specification Part A1: Civil Works – Standard Specification	In Table Under clause 23.1, Add: 'IS: 1239 – Mild Steel Tubes, Tubulars and Other Wrought Steel Fittings – Specification.'
	Drawings	Diameter of pipes as mentioned in the drawings shall be read as per the pipe sizes modified in this addendum.



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Sl. No.	Description and Reference Clause of Bid Document	Details of Addendum 1
1	Section 3: Evaluation & Qualification Criteria Table of Criteria	Insert Clause 2.4.2 : Construction Experience in Key Activities.....Page 8
2	Section 3 Clause 2.3.2 Average Annual Construction Turnover	Replace "INR 490 Million" By "INR 560 Million"
3	Section 3 Clause 2.3.3: Financial Resources	Replace "The Bidder must demonstrate that it has the financial resources to meet (b) the requirements for the Subject Contract of INR 82 Million " By "The Bidder must demonstrate that it has the financial resources to meet (b) the requirements for the Subject Contract of INR 94 Million "
4	Section 3 Clause 2.4.1 Construction Experience in Contracts of similar size and nature	Replace "Participation in at least one contract that has been successfully or substantially completed within the last eight (8) years and that is similar to the proposed works. For similarity the following type of contract will be considered: Providing and Laying of Water Supply pipelines with appurtenances of minimum value of INR 392 Million" By "Participation in at least one contract that has been successfully or substantially completed within the last eight (8) years and that is similar to the proposed works. For similarity the following type of contract will be considered: Providing and Laying of Water Supply pipelines with appurtenances of minimum value of INR 448 Million"



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Sl. No.	Description and Reference clause of Bid document	Details of Addendum 1
	Section 5 Eligible Countries	Replace country list no 35 : 'Micronesia, Federal States of' by 'Micronesia, Federated States of '
	Sub-Clause 1.1.3.7 Defects Notification Period Section 8 Particular Conditions of Contract	Replace "365 days for each Section of the Works from the date of taking over of each Section. (refer "Summary of Sections of the Works" given below)". By "365 days".
	Sub-Clause 4.8 Safety Procedure Section 8 Particular Conditions of Contract	Delete the sentence : A deduction of 0.5% shall be made from the interim payment for non-compliance of the safety measures during the implementation stage.
	Sub-Clause 4.18 Protection of the Environment Section 8 Particular Conditions of Contract	Delete the sentence : A deduction of 0.5% shall be made from the interim payment for non-compliance of the environmental protection measures during the implementation stage.

