

**Kolkata Port Trust
Kolkata Dock System**

Mechanical & Electrical Engineering Department

NIT No.: KoPT/KDS/Mech/SE-I/ADV/415 dt. 18.01.2017

E Tender No. KoPT/Kolkata Dock System/CME/36/16-17/ET/486

for

“Design, Engineering, Manufacturing, Procurement & Supply, Installation, Testing and Commissioning of cumulative 160 KWp (95kWp at Centenary Hospital & 65 KWp at Subhas Bhawan) roof mounted Grid connected Solar Photo Voltaic Power Plant including 5 years Comprehensive Warranty obligation at Kolkata Dock System, Kolkata Port Trust”

ADDENDUM

Pursuant to the pre-bid meeting held on 31.01.2017, decisions/ clarifications as have been finalized and frozen thereon are as given below :-

1. Participating bidders requested to reduce the no. of earth pits as 10 nos. which seems to be much more than required. During site visit it has been detected there is a constraint (sewerage pipe line and concrete pipe line) to execute the 10 nos. of earth pits around the Subhas Bhawan Building. Representative of WBGEDCL also stated that reduction in earth pits from 10 to 6 is technically feasible. Hence it was decided to reduce the no. of earth pits from 10 to 6 in case of 65 KWp Solar PV Panel at Subhas Bhawan.
2. The bidders should have Authorised Service Centre / Registered Office in West Bengal. Documentary evidence in support of it is to be uploaded along with the bid.
3. Bidders must upload all the documents as specified under Sl. No. 3 of Annexure-B (Terms & Conditions of Tender) and Documents mentioned under the head “documents to be uploaded along with Part-1” in page-48.
4. The Audited Balance Sheet and Profit & Loss Account Statement along with Auditor’s Report for the year 2013 -14, 2014 – 15 and 2015 – 16 are to be uploaded.
5. The evaluation criteria as mentioned in clause no. 15 under Terms and Conditions of Tender (Annexure-B) of the NIT is amended as below:-

Evaluation criteria:

- (i) An individually fully priced Bill of Quantities shall be uploaded in the price bid of the tender. A price shall be inserted against each item of the Bill of Quantities including all manner of labour, tools, spares and all other matters necessary for the execution of the contract in accordance with the general conditions of contract, special conditions of contract, specifications and bill of quantities of NIT.
- (ii) If there is a discrepancy between the total amount inserted in the Bill of Quantities and the amount arrived at by valuing the quantities set out there in and the rates and prices set against them by the tenderer, calculation for the total amount will be made on the basis of Unit Rates multiplied by quantities. **Evaluation of the tender will be done on the grand total of Bill of Quantities (i.e. summation of items from Sl. No. 1 to 56). The tenderer must not keep any column/space blank in any item, else the tender is liable for disqualification.**

If excess work is required to be carried out in addition to the quantities stipulated in BOQ, the amount will be paid as per unit rate quoted in BOQ and as per actual measurement. In case of extra work, the same will be paid as per rate of PWD schedule rate/ rate of reputed manufacturer/market rate, with justification of rates as the case may be.

The quoted rate should be inclusive of all taxes duties and other charges except Excise duty, Service tax and related cess. Excise duty, Service tax, related cess for the above work will be paid at the prevailing rate on submission of CENVAT- able document.

The rate quoted in the tender shall hold good and shall be binding on the tenderer notwithstanding any increase in the prices of the materials and labour or in the freights or other charges whatsoever and the tenderers shall not be entitled to claim any increase over the rates quoted by them during the pendency of the contract. Any modification (addition/ deletion/ alteration including implementation of GST) in taxes or duties in future by the GOI subsequently will be adjusted separately at the material time. Therefore, the detailed tax break-up considered in the quoted price should also be submitted by the bidders along with their price bid in order to assess the impact of future tax levied subsequently, if any, on the contract price. Any offer without the detailed tax break-up, if becomes the lowest price-bid and is accepted by KoPT with or without any negotiation of price, shall not be entitled for reimbursement of any additional amount due to modification of taxes or duties subsequently. But any recovery due on account of any modification in taxes or duties subsequently shall be determined and made by KoPT from the amount payable under the contract. Service tax including applicable Cess would also be imposed on all deductions and penalties on the contractor. However, as KoPT is not a Registered Body Corporate, it is not liable to pay Service Tax under 'Reverse Charge' mechanism. The bill/invoice to be submitted by the party should be in proper format as per Service Tax Rules.

The amended BOQ Schedule is enclosed.

6. The Completion period as mentioned under clause 9 of Special conditions of contract (Annexure-C) is amended as below:

The completion period of the project is amended to 120 days for both 95 KWp and 65 KWp Solar Power Panel together in totality from the date of placement of order letter which is inclusive of the time taken for approval of the design /drawings by KoPT/Consultant and time required for 3rd party inspection.

All other terms and conditions of the NIT remain unchanged. This Addendum is to be considered as a part of the NIT and the Addendum is to be downloaded, duly signed & stamped and to be uploaded along with the bid.

CHIEF MECHANICAL ENGINEER

Annexure – F

**BIDDERS ARE REQUESTED NOT TO QUOTE HERE.
THE PRICE PART TO BE QUOTED ONLINE ONLY.**

AMENDED Unpriced Bill of Quantity (BOQ)**E-Tender No. KoPT/Kolkata Dock System/CME/36/16-17/ET/486**

Work : Design, Engineering, Manufacturing, Procurement & Supply, Installation, Testing and Commissioning of 160 kWp at Centenary Hospital roof mounted Grid connected Solar Photo Voltaic Power Plant including 5 years Comprehensive Warranty obligation at Kolkata Dock System, Kolkata Port Trust.

Sl No	Description of item	Qty	Unit	Unit price including all taxes duties and other charges except Excise duty, service tax and related cess (in Rupees)	Total price including all taxes duties and other charges except Excise duty, service tax and related cess(in Rupees)
For 95 KWp					
1	Supply & delivery of PV Array of minimum capacity of 95 kWp Grid tied Solar Power at site as per Technical specification	1.00	Set		
2	Installation, Testing & Commissioning of the above PV Array of minimum capacity of 95 kWp	1.00	Set		
3	Supply & delivery of PV Module Mounting Structure and Structure Accessories for the 95 kWp grid connected Solar power at site	1.00	Set		
4	Installation Testing and Commissioning of the above PV Module Mounting Structure and Structure Accessories	1.00	Set		
5	Supply & delivery of PV Array Junction Boxes (AJB) for 95 kWp grid connected solar power at site as per Technical specification	1.00	Set		
6	Installation Testing and Commissioning of the above PV Array Junction Boxes (AJB) as per Technical specification	1.00	Set.		
7	Supply & delivery of Grid connected String Inverter at site for 95 kWp Grid Connected solar power as per Technical specification	1.00	Set.		
8	Installation Testing and Commissioning of the above Grid Connected String Inverter	1.00	Set.		
9	Supply & delivery of Web enable on line data logger and Remote Monitoring Unit including all Remote Monitoring Arrangement with Data Cable etc. at site as per Technical specification	1.00	Set.		
10	Installation Testing and Commissioning of Web enable on line data logger and Remote Monitoring Unit including all Remote Monitoring Arrangement with Data Cable from Data Logger to the Existing Location of the Modem as per site requirement	1.00	Set.		
11	Supply & delivery of Inverter LT Panel at site for 95 kWp Grid Connected Solar power as per technical specification	1.00	Set.		
12	Installation Testing and Commissioning of the above Inverter LT Panel as per site requirement	1.00	Set.		
13	Supply & delivery of Grid interfacing LT panel at site for 95 kWp Grid Connected Solar power as per technical specification	1.00	Set.		

Sl No	Description of item	Qty	Unit	Unit price including all taxes duties and other charges except Excise duty, service tax and related cess (in Rupees)	Total price including all taxes duties and other charges except Excise duty, service tax and related cess(in Rupees)
14	Installation Testing and Commissioning of the above Grid interfacing LT panel as per site requirement	1.00	Set.		
15	Supply & delivery of Kiosk at site for housing AJB, String Inverter, Inverter LT panel and other accessories as per site requirement	1.00	Set.		
16	Installation of the above Kiosk as per site requirement	1.00	Set		
17	Supply and delivery of Export Import Energy Meter at site as per Technical specification	1.00	No		
18	Installation Testing and Commissioning of Export Import Energy Meter in the Electrical switch room of Centenary Hospital	1.00	No		
19	Supply and delivery of Cables and Wires as per Technical specification related to 95 kWp Grid Connected Solar power	1.00	Lot		
20	Laying and Termination of Cables and Wires for connecting the equipments and for necessary wiring as per technical specification.	1.00	Lot		
21	Supply & delivery of 3.5 Core 150 sq.mm. XLPE insulated armoured copper cable	100.00	Mtr		
22	Laying and Termination of the above XLPE insulated armoured copper cable from Inverter LT panel to Grid interfacing LT Panel along with any other place if required as per site requirement as per technical specification.	100.00	Mtr		
23	Supply, installation & commissioning of Earthing as per technical specification for 95 kWp	1	Lot		
24	Supply & delivery of plumbing materials and equipments for PV Array cleaning arrangement as mentioned in scope of work.	1	Lot		
25	Installation of the above required plumbing materials & equipments for PV Array cleaning facility	1	Lot		
26	Supply, delivery and installation of Fire Extinguishers as mentioned in scope of work .	1	Lot		
27	Supply & delivery of Spares, tools and measuring instruments as mentioned in scope of work as mentioned in scope of work.	1	Lot		
28	Supply , delivery & installation of Project Information signage and schematic diagram as mentioned in scope of work..	1	Lot		
For 65 KWp					
29	Supply & delivery of PV Array of minimum capacity of 65 kWp Grid tied Solar Power at site as per Technical specification	1.00	Set		
30	Installation, Testing & Commissioning of the above PV Array of minimum capacity of 65 kWp	1.00	Set		
31	Supply & delivery of PV Module Mounting Structure and Structure Accessories for the 65 KWp grid connected Solar power at site	1.00	Set		
32	Installation Testing and Commissioning of the above PV Module Mounting Structure and Structure Accessories	1.00	Set		

SI No	Description of item	Qty	Unit	Unit price including all taxes duties and other charges except Excise duty, service tax and related cess (in Rupees)	Total price including all taxes duties and other charges except Excise duty, service tax and related cess(in Rupees)
33	Supply & delivery of PV Array Junction Boxes (AJB) for 65 kWp grid connected solar power at site as per Technical specification	1.00	Set		
34	Installation Testing and Commissioning of the above PV Array Junction Boxes (AJB) as per Technical specification	1.00	Set.		
35	Supply & delivery of Grid connected String Inverter at site for 65 kWp Grid Connected solar power as per Technical specification	1.00	Set.		
36	Installation Testing and Commissioning of the above Grid Connected String Inverter	1.00	Set.		
37	Supply & delivery of Web enable on line data logger and Remote Monitoring Unit including all Remote Monitoring Arrangement with Data Cable etc at site as per Technical specification	1.00	Set.		
38	Installation Testing and Commissioning of Web enable on line data logger and Remote Monitoring Unit including all Remote Monitoring Arrangement with Data Cable from Data Logger to the Existing Location of the Modem as per site requirement	1.00	Set.		
39	Supply & delivery of Inverter LT Panel at site for 65 kWp Grid Connected Solar power as per technical specification	1.00	Set.		
40	Installation Testing and Commissioning of the above Inverter LT Panel as per site requirement	1.00	Set.		
41	Supply & delivery of Grid interfacing LT panel at site for 65 kWp Grid Connected Solar power as per technical specification	1.00	Set.		
42	Installation Testing and Commissioning of the above Grid interfacing LT panel as per site requirement	1.00	Set.		
43	Supply & delivery of Kiosk at site for housing AJB, String Inverter, Inverter LT panel and other accessories as per site requirement	1.00	Set.		
44	Installation of the above Kiosk as per site requirement	1.00	Set		
45	Supply and delivery of Export Import Energy Meter at site as per Technical specification	1.00	No		
46	Installation Testing and Commissioning of Export Import Energy Meter in the Electrical switch room of Subhas Bhawan	1.00	No		
47	Supply and delivery of Cables and Wires as per Technical specification related to 65 kWp Grid Connected Solar power	1.00	Lot		
48	Laying and Termination of Cables and Wires for connecting the equipments and for necessary wiring as per technical specification.	1.00	Lot		

Sl No	Description of item	Qty	Unit	Unit price including all taxes duties and other charges except Excise duty, service tax and related cess (in Rupees)	Total price including all taxes duties and other charges except Excise duty, service tax and related cess (in Rupees)
49	Supply & delivery of 3.5 Core 70 sqmm XLPE insulated armoured copper cable	100.00	Mtr		
50	Laying and Termination of the above XLPE insulated armoured copper cable from Inverter to and from Inverter LT panel to Grid interfacing LT Panel along with any other place if required as per site requirement as per technical specification.	100.00	Mtr		
51	Supply, installation & commissioning of Earthing as per Technical specification for 65 kWp	1	Lot		
52	Supply & delivery of plumbing materials and equipments for PV Array cleaning arrangement as mentioned in scope of work..	1	Lot		
53	Installation of the above required plumbing materials & equipments for PV Array cleaning facility	1	Lot		
54	Supply, delivery and installation of Fire Extinguishers as mentioned in scope of work..	1	Lot		
55	Supply & delivery of Spares, tools and measuring instruments as mentioned in scope of work..	1	Lot		
56	Supply, delivery & installation of Project Information signage and schematic diagram as mentioned in scope of work.	1	Lot		
GRAND TOTAL					

Note: (i) The quantity above may increase or decrease as per requirement, for which payment will be made as per actual.

(ii) Evaluation will be done on the basis of the Grand total price inclusive of all taxes, duties and other charges except Excise duty, service tax and related cess (in Rupees) as per Bill of Quantities. Excise Duty and Service Tax along with cess as applicable would be payable extra, at actual.

(iii) Excise duty, Service tax, related cess for the above work will be paid at the prevailing rate on submission of CENVAT- able document.

(iv) KoPT does not enjoy any concession regarding Sales Tax and does not provide any 'C' or 'D' Form in this regard. Hence, full amount of WBST or CST or State Sales Tax or VAT, if any, will be applicable and is to be considered accordingly.

(v) As KoPT is not a Registered body corporate, it is not liable to pay Service Tax under 'Reverse charge Mechanism' as per Service Tax Law. The service provider is liable to recover Service Tax as applicable.

(vi) If Way Bill(s) is / are required to be issued with respect to delivery of materials in connection with the instant work, the same would be issued by KoPT, on written request from the contractor. However, the contractor should plan delivery of materials so as to keep the no. of Way Bill(s) required to a minimum.
