

**KOLKATA PORT TRUST
HALDIA DOCK COMPLX**

Corrigendum - 4

E Tender ID : 2020_KoPT_552891_1

Ref: Tender No: SDM (P&E)/T/63/2019-2020

Sub : Supply, Installation, testing & Commissioning of Outdoor type 3.3 KV, 1010 KVA Diesel Generator Set with AMF Panel including Comprehensive maintenance contract (CMC) for the period of 5 years after expiry of 2 years guarantee period for Lock Entrance, Haldia Dock Complex, KoPT.

The following amendments shall be applicable for the subject tender:

Sl. No.	Item	Date and Time as per Corrigendum-3	Extended Date and Time
1.	Starting of bid submission	19.06.2020 from 11: 00 hrs. (IST)	23.06.2020 from 11: 00 hrs. (IST)
2.	Closing of bid submission	29.06.2020 at 15:00 hrs. (IST)	02.07.2020 at 15:00 hrs. (IST)
3.	Opening of techno commercial bid(Part-I)	30.06.2020, 15 30 Hrs. (IST) onwards.	03.07.2020, 15 30 Hrs. (IST) onwards.

Bidders are requested to submit the scanned copy of this 'Corrigendum - 4' duly signed under office seal along with their offer as an acknowledgement and acceptance.

**Sr. Dy. Manager (P&E)-IV
Haldia Dock Complex (HDC)
Kolkata Port Trust (KoPT)**

KOLKATA PORT TRUST
HALDIA DOCK COMPLEX

[Tender No. : SDM(P&E)/T/63/2019-2020]
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Issued on 19.06.2020

ADDENDUM - V

CORRECTIONS / ADDITIONS / DELETIONS, ETC.

[Total Number of Pages : 5]

NOTE :

1. This “Addendum-V” should be read in conjunction with Bidding Document (including Notice Inviting e-Tender) and “Addendum-I, II, III & IV” (issued on 27/03/2020,22/04/2020,11/05/2020 & 18/06/2020).
2. Consequential changes, arising out of this Addendum-V, will be deemed to have been effected, even if the same were not incorporated specifically in the Bidding Document.
3. All other terms and conditions of the Bidding Document (including Notice Inviting e-Tender), considering “Addendum-V” will remain unchanged.

Addendum -V

[Tender No. : SDM(P&E)/T/63/2019-2020]

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Sl. No.	Page No.	Clause No.	Line No.	As specified in the Bidding Document	To be read as / Remarks
1	24	6.3	3 rd para	The exhaust pipe line shall be with thermal insulation with glass wool, covered with wire mesh and clad with 24 gauge aluminium sheet.	The exhaust pipe line shall be with thermal insulation with glass wool/rock wool covered with wire mesh and clad with 24 gauge aluminium sheet.
2	30	6.14 [in full]		<p>Lubrication :</p> <p>Lubrication shall be positive pressure type lubricating for all moving parts. No moving parts shall be required lubrication by hand either prior to the starting of the engine or while it is in operation. Lubrication oil shall conform to relevant IS amended up to date. Necessary lubricating oil filter shall be provided for operation at normal conditions for a period of 250 hours, without any necessity of replacement and cleaning. Temperature and pressure gauges shall be fitted to the lubricating system.</p>	<p><u>To be deleted and read as :</u></p> <p>Lubrication :</p> <p>Lubrication shall be positive pressure type lubricating for all moving parts. No moving parts shall be required lubrication by hand either prior to the starting of the engine or while it is in operation. Lubrication oil shall conform to relevant IS amended up to date. Necessary lubricating oil filter shall be provided for operation at normal conditions for a period of 250 hours, without any necessity of replacement and cleaning. Lub oil temperature and pressure should be displayed.</p>
3	30	6.15 [in full]	2 nd para	<p>FUEL SYSTEMS /FUEL TANK :</p> <p>It should contain Combined Unit Injection type fuel system with Electronic Step Timing Control (ESTC) injectors which smoothly stabilise engine speed under load with A1 class Electronic governing. It should also contain filter system which is a pre filter including water separator and and main filter.</p>	<p><u>To be deleted and read as :</u></p> <p>FUEL SYSTEMS /FUEL TANK</p> <p>It should contain the fuel system Combined Unit Injectors / Combined Unit Injection type fuel system with Electronic Step Timing Control (ESTC) injectors. It should also contain filter system which is a pre filter including water separator and and main filter.</p>
4	34	F			<p><u>To be added and read as :</u></p> <p>Statutory approval for operation the DG set will be under the scope of HDC.</p>

Sl. No.	Page No.	Clause No.	Line No.	As specified in the Bidding Document	To be read as / Remarks
5	34	G			<u>To be added and read as :</u> Supply of 1010 KVA DG with latest model and installation to be done as per relevant IS standard.
6	105	Price Schedule			<u>To be added and read as :</u>
					Part B:- Comprehensive Maintenance Contract (CMC)
					Comprehensive Maintenance Contract (CMC) of HT DG Set with full responsibility of necessary manning and carrying out repair & supply of required original spare parts/spares excluding Fuel to keep the DG set in fully operational condition for a period of 5 years, after expiry of 2 years Guarantee period.
					1st year CMC
					2nd year CMC
					3rd year CMC
					4th year CMC
					5th year CMC

HALDIA DOCK COMPLEX

KOLKATA PORT TRUST

QUERIES OF DIFFERENT FIRMS IN CONNECTION WITH THE PRE-BID MEETING HELD ON 11.06.2020 AND HDC, KOPT'S CLARIFICATIONS THEREOF.

SUBJECT:

Supply, Installation, testing & Commissioning of Outdoor type 3.3 KV, 1010 KVA Diesel Generator Set with AMF Panel including Comprehensive maintenance contract (CMC) for the period of 5 years after expiry of 2 years guarantee period for Lock Entrance, Haldia Dock Complex, KoPT.

[Tender No. : SDM(P&E)/T/63/2019-2020]

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Sl. No.	Reference	Queries of the firms	HDC, KoPT's Clarifications
1.	6.1	Please specify the specification of the civil foundations as required for DG Set foundation and 30 mtr self supporting exhaust structure	Broad specification of exhaust structure and broad specification along with drawing for civil foundations already given in the instant tender. Tender condition will prevail.
2	6.3	As Glasswool is not used now, the Exhaust pipes will be cladded with 50 mm thick rockwool insulation of density 48 kg / m3 and wrapped by 26G Aluminium sheet. Please confirm.	Please refer addendum-V.
3	6.6 c	The DG Set will be under solo operation. It is mentioned for the requirement of Synch Check, Synchroscope, etc. Please clarify where this is required. Also, the option for remote start and stop will be provided. Remote start and stop can be done from on & Off switches only.	Compatibility of Synch Check, Synchroscope, etc. is required for future purpose. Tender condition will prevail.
4	Control Voltage	Please confirm the control voltage that will be supplied by you for VCB Operation. We will be requiring 110 volts DC from your side continuously for VCB operation. Please confirm.	30 V DC will be provided for control supply of VCB.
5	6.7	The Acoustic Enclosure will be fabricated out of 1.6 mm thick MS CRCA Sheet. This is as per manufacturer's standard. Please confirm.	Tender condition will prevail.
6	6.8	The Support structure of the exhaust system will be with MS. Please confirm.	Tender condition will prevail.
7	6.14	Temperature Gauge with lubrication system cannot be provided. This is as per Engine manufacturer's standard. Please confirm	Please refer addendum-V.

Sl. No.	Reference	Queries of the firms	HDC, KoPT's Clarifications
8	6.15	The fuel system will be provided as per Engine manufacturer's standard. We will be providing the fuel system with combined unit Injectors. ESTC is the design standard of a particular make of Engine.	Please refer addendum-V.
9	6.21	Trial Run for 1 hour and Acceptance Test for 4+1 = 5 hrs , so total 1+4+1= 6 hrs Performance acceptance Test Run shall be with artificial resistive Load only and nonlinear load will not be arranged for testing purpose. This Acceptance Test will be done at Factory during PDI and Materials will be despatched only after successful Acceptance test and issue of Material accepting Certificate by the Purchaser / HDC. Please confirm	Tests would be carried out as per IS , by the Contractor , before dispatch of the assembled DG set, at manufacturer's works, in presence of the representative(s) of the Engineer. Acceptance test shall be with artificial resistive load only at site for testing purpose. Load trial to be done as per site condition.
10	6.21	We request the Fuel and Elctrical load as required for commissioning and Testing the DG Sets to be provided by Customer. Approx -Max 215Litre (with +3% tollerance) per hour Fuel (HSD) will be consumed while running at Full load . Arranging Such huge quantity of HSD at Site will be difficult for the supplier due to various restriction on HSD carring & storing . Kindly note ,Testing Load for the HT DG Set at 3.3KV is to be provided by HDC at site . Arranging artificial resistive Load of 3.3KV HT DG set is very much difficult for the supplier at Site as huge expensive issue for arrange HT Transformer / Loads etc at Site. Dg sets can be tested at site on the available electrical load of the Customer. Also, Test Certificates for the Alternator will be provided instead of performing the tests on the Alternator at site.	Arrangement of required fuel and electrical load (resistive) for trial run at site shall be under the scope of HDC.
11	Maintenance work during DLP	Please confirm the approximate running hours of the DG Set per year basis. Also, kindly confirm that the operation of the DG Sets is not in our scope during this period. Only maintenance Please declare where the cost of maintenance work is to be included as there is no separate line item for the same.	Approximate running hours of DG set in year may be consider as 250 hrs. Please refer addendum-V
12	Approval	Please confirm that the approval as required for operating the DG Sets is not in our scope of supply and the same will be done by HDC.	Please refer addendum-V