

KOLKATA PORT TRUST
HALDIA DOCK COMPLEX

Tender No. : SDM(P&E)/TSEM/T03/2019-2020

E-TENDER No.: 2019_KoPT_482739 dated July 02, 2019

ADDENDUM - I

Issued on 25.07.2019

CORRECTIONS / ADDITIONS / DELETIONS, ETC.

[Total Number of Pages : 05]

NOTE :

1. This “Addendum-I” should be read in conjunction with Bidding Document (including Notice Inviting e-Tender).
2. Consequential changes, arising out of this Addendum-I, 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), will remain unchanged.

Addendum -I

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Sl. No.	Page No.	Reference	As specified in the Bidding Document	To be read as / Remarks
<u>SCHEDULE OF TENDER (SOT)</u>				
Sl. No.	Page No.	Clause No.	As specified in the Bidding Document	<u>To be deleted and read as</u>
1.	5	SOT 3.5	Completion Period :: 90 days.	Completion Period :: 180 days.
2.	6	SOT 3.13	ii) Closing date & time of submission of e-Tender :: 30.07.2019, up to 16:00 Hrs. (IST).	ii) Closing date & time of submission of e-Tender :: 05.08.2019, up to 16:00 Hrs. (IST).
			iii) Date & time of opening of Bid (Techno-commercial Bid & Price Bid) :: 31.07.2019, 16:30 Hrs. (IST) onwards.	iii) Date & time of opening of Bid (Techno-commercial Bid & Price Bid) :: 06.08.2019, 16:30 Hrs. (IST) onwards.

Sl. No.	Page No.	Reference	As specified in the Bidding Document	To be read as / Remarks
<u>TECHNICAL SPECIFICATION</u>				
3.	28	Clause No. 6.1 b)	Supply, delivery, installation, testing & commissioning of ceiling suspended air cooled Ductable Split Air-conditioner units [capacity 8.5 TR] with Scroll Compressors (compatible with eco-friendly refrigerant) and remote controller.	Supply, delivery, installation, testing & commissioning of ceiling suspended air cooled Ductable Split Air-conditioner units [capacity 8.5 TR / 5.5 TR] with Scroll Compressors (compatible with eco-friendly refrigerant) and remote controller.
4.	32	Clause No. 6.1 (f)		To be added after 6.1 (f) vi)
				vii) Light Fittings and Lamps :: PHILIPS / WIPRO / BAJAJ / CROMPTON / GE
<u>SPECIAL CONDITIONS OF CONTRACT (SCC)</u>				
5.	88	Clause No. 7.65.1 (1 st Paragarph)	Completion Period :: All the jobs (with respect to Part-A, Part-C & Part-D, i.e. re-commission of the ductable air-conditioning units, including power supply arrangement & false ceiling work) are to be completed within 90 (nonety) days from the date of issuance of Letter of Acceptance (LOA) [i.e. award of contract].	Completion Period :: All the jobs (with respect to Part-A, Part-C & Part-D, i.e. re-commission of the ductable air-conditioning units, including power supply arrangement & false ceiling work) are to be completed within 180 (one hundred and eighty) days from the date of issuance of Letter of Acceptance (LOA) [i.e. award of contract].

Sl. No.	Page No.	Reference	As specified in the Bidding Document	To be read as / Remarks
<u>PRICE SCHEDULE</u>				
6.	101	<u>PART-A</u> Sl. No. 1		To be deleted and read as :
			Supply, delivery, installation, testing & commissioning of ceiling suspended air cooled Ductable Split Air-conditioner units [capacity 8.5 TR] with Scroll Compressors (compatible with eco-friendly refrigerant) and remote controller. 1.1 Supply & delivery Qty. : 8 no.	Supply, delivery, installation, testing & commissioning of ceiling suspended air cooled Ductable Split Air-conditioner units with Scroll Compressors (compatible with eco-friendly refrigerant) and remote controller. Supply & delivery 1.1 1.101: Capacity 8.5 TR :: Qty. : 8 no. 1.102: Capacity 5.5 TR :: Qty. : 1 no.
			1.2 Installation, testing & commissioning (including lifting, shifting & handling and first charge of refrigerant). Qty. : 8 no.	1.2 Installation, testing & commissioning (including lifting, shifting & handling and first charge of refrigerant) [capacity 8.5 TR / 5.5 TR]. Qty. : 9 no.
7.	101	<u>PART-A</u> Sl. No. 2	Providing refrigerant copper piping (with nitrile insulation) between outdoor units & indoor units of capacity 8.5 TR.	Providing refrigerant copper piping (with nitrile insulation) between outdoor units & indoor units of capacity 8.5 TR/ 5.5 TR.
8.	101	<u>PART-A</u> Sl. No. 3	Providing PVC drain piping (for drainage of water from indoor units of capacity 8.5 TR).	Providing PVC drain piping (for drainage of water from indoor units of capacity 8.5 TR / 5.5 TR).
9.	101	<u>PART-A</u> Sl. No. 4	Providing electrical power cabling (copper) between outdoor units & indoor units of capacity 8.5 TR.	Providing electrical power cabling (copper) between outdoor units & indoor units of capacity 8.5 TR / 5.5 TR.

Sl. No.	Page No.	Reference	As specified in the Bidding Document	To be read as / Remarks	
10.	106	---	---	To be added after Sl. No. 30 :	
				31	Supply and delivery of 34W-36 W LED recessed 2' X 2' luminaire, suitable for 230 V AC, 50 Hz supply system [Correlated Colour Temperature (CCT): 6500 K ; Luminous efficacy: > 100 lumen / watt] Qty. : 60 no.
				32	Supply and delivery of 34W-36 W LED recessed 1' X 4' luminaire, suitable for 230 V AC, 50 Hz supply system [Correlated Colour Temperature (CCT): 6500 K ; Luminous efficacy: > 100 lumen / watt] Qty. : 50 no.
				33	Supply and delivery of 17 W-18 W LED recessed 1' X 1' luminaire, suitable for 230 V AC, 50 Hz supply system [Correlated Colour Temperature (CCT): 6500 K ; Luminous efficacy: 85 lumen / watt] Qty. : 15 no.
				34	Removal of existing light fittings and fixing new LED recessed 2' X 2' or 1' X 4' or 1'X1' luminaire, complete with all accessories, under the false ceiling, including making cut out, necessary connections & mending good damages to the false ceiling. Qty. : 125 no.

HALDIA DOCK COMPLEX

KOLKATA PORT TRUST

QUERIES OF DIFFERENT FIRMS IN CONNECTION WITH THE PRE-BID MEETING HELD ON 10.07.2019 AND HDC, KOPT'S CLARIFICATIONS THEREOF.

SUBJECT:

Replacement of existing air-conditioning units and re-commissioning of the ductable type Air-conditioning System, installed at Jahawar Tower Extension Building of HDC, KoPT, at Haldia Township, including Comprehensive Maintenance Contract (CMC) for 5 years, after expiry of 12 months' Guarantee period.

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Sl. No.	Reference _Description as per Bidding Document.		Queries of the firms	HDC, KoPT's Clarifications
1.	Clause no. 76.5		Whereas the total job have to doing at night so completion period have to be extend upto 200 days instead of 90 days.	Please see Addendum-I.
2.			After expiry of 12 months Guarantee Period, 5 years Comprehensive Maintenance Contract will be applicable on for Air-conditioning nothing else.	Agreed
3.			During the work at false ceiling, dismantling of existing lights and again re-installation it will be chargeable.	Please see Addendum-I & revised Price Schedule.
4.			As discussed and site visit, kindly add extra 5.5 TR for CM room for better cooling effect in the BOQ of Jahar Tower.	Please see Addendum-I & revised Price Schedule.

BIDDING FORM-VI**REVISED PRICE SCHEDULE**

[To be filled up and uploaded, duly signed & stamped]

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Sl. No.	Description		Unit	Qty	Applicable GST %		
					SGST	CGST	IGST
<u>PART-A</u>							
1	Supply, delivery, installation, testing & commissioning of ceiling suspended air cooled Ductable Split Air-conditioner units with Scroll Compressors (compatible with eco-friendly refrigerant) and remote controller.						
	1.1	Supply & delivery					
	1.101	Capacity 8.5 TR	no.	8			
	1.102	Capacity 5.5 TR	no.	1			
	1.2	Installation, testing & commissioning (including lifting, shifting & handling and first charge of refrigerant) [capacity 8.5 TR / 5.5 TR].	no.	9			
2	Providing refrigerant copper piping (with nitrile insulation) between outdoor units & indoor units of capacity 8.5 TR / 5.5 TR.		RM	200			
3	Providing PVC drain piping (for drainage of water from indoor units of capacity 8.5 TR / 5.5 TR).		RM	100			
4	Providing electrical power cabling (copper) between outdoor units & indoor units of capacity 8.5 TR / 5.5 TR.		RM	200			

Sl. No.	Description		Unit	Qty	Applicable GST %		
					SGST	CGST	IGST
5	Providing Air Ducting system for Ductable Air-conditioner units, made out of GI sheet of following thickness, including necessary supports, adjustable dampers, vanes, etc. complete as per IS 655 (with latest amendment).						
	5.1	Made of 20 Gauge GI sheet	sq. m	115			
	5.2	Made of 22 Gauge GI sheet	sq. m	200			
	5.3	Made of 24 Gauge GI sheet	sq. m	500			
	5.4	Made of 26 Gauge GI sheet	sq. m	210			
6	Providing insulation for Air Ducting system, as given below						
	6.1	Acoustic insulation inside ducting, with fibreglass rigid board, finished with perforated aluminium sheet, as per "Technical Specification", including all materials for fixing.	sq. m	250			
	6.2	Thermal insulation on ducting with Nitrile Rubber, as per "Technical Specification", including all materials for fixing.	sq. m	600			
7	Providing canvas connection between indoor units & ducting.		no.	8			
8	Providing arrangement for fresh air at indoor units.		sq. m	1			
9	Providing powder coated aluminium section grill (with volume control dampers) for supply air.		sq. m	10			
10	Providing powder coated aluminium section grill with louvers (but without volume control dampers) for return air.		sq. m	10			
11	Dismantling all existing Ductable Air-conditioner units (8 indoor units & 8 outdoor units), including duct, copper pipes, electrical cables, etc. and depositing the same at the store of HDC (Township).		lot	1			

Sl. No.	Description		Unit	Qty	Applicable GST %		
					SGST	CGST	IGST
<u>PART-B</u>							
12	Comprehensive Maintenance Contract (CMC) with full responsibility of carrying out repair and supply of required spare parts to keep the Air-conditioner units in fully operational condition for a period of 5 years, after expiry of 12 months' Guarantee period .						
	12.1	1st year CMC	LS	1			
	12.2	2nd year CMC	LS	1			
	12.3	3rd year CMC	LS	1			
	12.4	4th year CMC	LS	1			
	12.5	5th year CMC	LS	1			
<u>PART-C</u>							
13	Providing PVC Rigid Conduit [medium mechanical stresses, 'FR'] of following sizes, on surface of the wall / ceiling, with aluminium saddles and other accessories, as required and mending good damages to building woks.						
	13.1	20 mm (nominal size)	m	280			
	13.2	25 mm (nominal size)	m	250			
14	Providing 'FR' PVC insulated (unsheathed), single core, 1.1 kV grade, copper (stranded) wire (ISI marked) of the following sizes, in the prelaidd PVC pipe and making necessary connection, as required.						
14.1	4 X 10.0 mm ² (3 phase & neutral wires) and 2 X 6.0 mm ² (as Earth Continuity Conductor)		RM	250			
14.2	2 X 6.0 mm ² (as Earth Continuity Conductor)		RM	30			

Sl. No.	Description		Unit	Qty	Applicable GST %		
					SGST	CGST	IGST
15	Finishing Copper Wire ends Finishing of the ends of 1.1 kV grade, copper (stranded) wire, by socketting with pin / ring type copper sockets, insulating tapes, etc., including supplying sockets, tapes, etc., as required.						
	15.1	6 mm ²	set	25			
	15.2	10 mm ²	set	50			
16	Supply, Installation, Testing & Commissioning of TPN, 415V, Power Distribution Panel Board, made of 2mm thick CRC Sheet Steel enclosure [Wall mounted, approx. size 1200 mm X 1100 mm X 300 mm, double door, dust & vermin proof], duly painted (with Siemens gray powder coating paint), complete with 03 (three) nos. LED indication lamp [for busbar (R,Y,B)], 300 A capacity copper tinned busbar, including supply & fixing of following MCCBs & MCBs, necessary connection with suitable sizes of copper wires with lugs. Necessary stud type terminals to be provided for incoming connections.		set	1			
	INCOMING	200A, 415V, 50Hz, 4 Pole MCCB (Breaking capacity 30 kA) - 02 no.					
	OUTGOING	40A, 415V, 50Hz, TPN MCB (Breaking capacity 10 kA) - 9 no.					
17	Supply and laying of 3½ C X 120 mm ² , 1.1 kV grade XLPE insulated, armoured, aluminium conductor, power cable, conforming to IS:7098 (Part -1) (with latest amendment) and as per "Technical Specification".						
	17.1	Supply	m	100			
	17.2	Laying, Testing & Commissioning					
	17.201	On surface of wall, floor, existing cable tray, etc., fixing by aluminium saddling.	m	82			
	17.202	Through pipe, including supplying & fixing 80 mm dia GI Pipe (ISI-Medium).	m	18			

Sl. No.	Description	Unit	Qty	Applicable GST %		
				SGST	CGST	IGST
18	Connecting the leads of 3½ C X 120 mm ² , 1.1 kV grade, Aluminium Conductor armoured XLPE Cable, with MCCBs / connectors [by Crimping method providing cable sockets, tapes, anticorrosive paste & jointing materials] at LT Panel / Junction Box:	set	4			
19	Providing compression type gland complete with brass gland, brass ring & rubber ring for dust & moisture-proof entry of 3½ C X 120 mm ² , 1.1 kV grade, Aluminium Conductor armoured XLPE Cable.	set	4			
20	Providing (after cutting the brick wall) outdoor type PVC Junction Box of size 235 mm X 130 mm X 95 mm (approx.) [complete with DIN Rails for fixing TPN MCBs & earth connectors, attached inside the box] and mending good damages to building works.	no.	9			
21	Providing 32A, 240 V / 415 V, 50 Hz, TPN MCB (C characteristics, 10 kA Breaking capacity) on din rail of existing DBs and necessary connection.	no.	9			
22	<p>Providing Earthing Stations, using Earth Electrode [made of 3 m long Medium Galvanised Mild Steel Tubes (as per IS:1239) of nominal bore 50 mm]. 260 mm long G.I. Strip of size 50 mm X 6 mm (with 4 nos. 10 mm dia. tap hole, bend to shape of pipe) to be welded at 100 mm below the top of tube for connection of Earth Strip. G.I. Funnel / Cap to be provided on top of the tube.</p> <p>Earth Electrode to be driven in the Earth Pit filled up with alternate layer of Charcoal and Salt. Earth Pit should be provided with suitable size Brick Masonry Inspection Chamber with removable RCC Cover (75 mm thick) with handle.</p>	no.	2			
23	Providing earth busbar of galvanized (Hot Dip) MS flat 50 mm x 6 mm on wall having clearance of 6 mm from wall including providing drilled holes on the busbar complete with GI bolts, nuts, washers, spacing insulators etc., as required	no.	1			

Sl. No.	Description	Unit	Qty	Applicable GST %		
				SGST	CGST	IGST
24	Interconnection of Earthing Stations by G.I. Strip (Hot Dip) of size 50 mm X 6 mm, with bolts, nuts, washers, etc.	m	3			
25	Connecting the earth busbar to Earthing Station (with bolts, nuts, washers, etc.), including supply & laying of G.I. Strip (Hot Dip) of size 25 mm x 6 mm, using GI saddles or through PVC conduit of suitable size , including drilling holes.	m	100			

PART-D

26	Taking out existing false ceiling/ partition/ panelling of particle board, masonite board, ply board, soft board etc. of any thickness alongwith removal of GI supporting structure for false ceiling etc. and stacking the same at I & CF RZ Store or as directed.	sq.m	1200			
27	Providing and fixing M.F. suspended ceiling made with 12.5 mm thick Gypsum plaster board including G.I. perimeter channel of 0.55 mm flush (having two flanges 20 mm and 30 mm respectively and web 27 mm) along with perimeter of ceiling with G.I. intermediate channel of 0.9 mm thick size 45mmx15mm placed at 750 mm c/c with G.I. ceiling angle of size 25mmx10mmx0.55 mm thick fixed to the ceiling with G.I. Cleat and steel expansion fastener ceiling section 0.55 mm thick of size 51.50mmx26mm fixed to the intermediate channels with the help of connecting clip and in the direction of perpendicular to the intermediate channel of 300 mm c/c 12.5 mm thick Gypsum plastered board are to be fixed under ceiling section as above by machine screws. The boards are to be joined and finished with jointing compound, paper tape and application of top coat etc. as per the direction of Engineer-in-charge. (The rate includes of cost of all materials including taxes, cost of accessories, fittings and fixtures, scaffolding and labour charges etc. complete)	sq.m	1200			
28	Provide and lay white cement base wall putty 1.5 mm thick approximate to smooth finish. Include for removing damaged plaster of Paris where necessary etc. all complete & as directed.	sq.m	200			

Sl. No.	Description	Unit	Qty	Applicable GST %		
				SGST	CGST	IGST
29	Provide and apply One coat of Acrylic Primer (solvent based interior grade) of Asian paint or equivalent as per manufacture specification of approved brand and manufacture of required shades to give an even shade. Allow for cleaning the surfaces thoroughly and repairing of scratches etc. wherever required before application of paint etc., all complete & as directed.	sq.m	2500			
30	Provide and apply Two coats of Acrylic Distemper (solvent based interior grade) of Asian paint or equivalent as per manufacture specification of approved brand and manufacture of required shades to give an even shade. Allow for cleaning the surfaces thoroughly and repairing of scratches etc. wherever required before application of paint etc., all complete & as directed.	sq.m	1200			
31	Supply and delivery of 34W-36 W LED recessed 2' X 2' luminaire, suitable for 230 V AC, 50 Hz supply system [Correlated Colour Temperature (CCT): 6500 K ; Luminous efficacy: > 100 lumen / watt]	no.	60			
32	Supply and delivery of 34W-36 W LED recessed 1' X 4' luminaire, suitable for 230 V AC, 50 Hz supply system [Correlated Colour Temperature (CCT): 6500 K ; Luminous efficacy: > 100 lumen / watt]	no.	50			
33	Supply and delivery of 17 W-18 W LED recessed 1' X 1' luminaire, suitable for 230 V AC, 50 Hz supply system [Correlated Colour Temperature (CCT): 6500 K ; Luminous efficacy: 85 lumen / watt]	no.	15			
34	Removal of existing light fittings and fixing new LED recessed 2' X 2' or 1' X 4' or 1'X1' luminaire, complete with all accessories, under the false ceiling, including making cut out, necessary connections & mending good damages to the false ceiling.	no.	125			