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**Item Rate BoQ**

Tender Inviting Authority: INDIA TRADE PROMOTION ORGANISATION

Name of Work: Dismantling, ,repairing, reinstallation, testing, commissioning and balanceing of the existing 3 nos. of 450 TR cooling tower ( Model ID 20'x 15') along with required accessories etc for Hall No. 8-11 at Pragati Maidan, New Delhi.

Contract No: No.169-ITPO(1)E-E/21-22/01 dated 13.01.2022

Name of the Bidder/ Bidding Firm / Company :							
<div>PRICE SCHEDULE</div> <div>(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevent columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only )</div>							
NUMBER #	TEXT #	NUMBER #	TEXT #	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	Quoted Currency in INR	BASIC RATE with all taxes inclusive GST @ 18% In Figures To be entered by the Bidder in	TOTAL AMOUNT with all taxes inclusive GST @ 18% in Rs. P	TOTAL AMOUNT In Words
1	2	4	5	12	13	53	55
1	Dismantling, , Repairing, reinstallation, testing, commissioning and balanceing of the existing 450 TR cooling towers ( Model ID 20'x 15') complete with repair of existing damaged FRP base and FRP side panels, fan assembly,header etc by providing all Consumable items such as Screws, Nut-bolts, PVC resin, washer, putty powder, FRP Mat(Fiber), Accelerator, Hardner, Float valve( 1.5" dia), Panel Gasket, FRP cannopy, patty etc along with electrical connection in all respect by providing cable, cable tray, thimble, gland, earthing and painting etc as required.	3.000	Nos	INR		0.00	INR Zero Only
2	Dismantling, Replacement, reinstallation, testing and commissioning of following itmes in the existing 3 nos. of 450 TR cooling towers( Model ID 20'x 15') along with disposal of damaged/ dismantled materials from site complete etc as required.						
2.01	PVC Fills 600 x 300 x 150mm Make: MM AQUA/ Cooldeck	1500.000	Nos	INR		0.00	INR Zero Only
2.02	D-15 Drift Eliminator 5' x 2' Make: MM Aqua/ DM	72.000	Nos	INR		0.00	INR Zero Only

2.03	D-15 Drift Eliminator 5' x 1' Make: MM Aqua/ DM	18.000	Nos	INR		0.00	INR Zero Only
2.04	GI Fill Frame 7.5' x 5' Make: OEM	8.000	Nos	INR		0.00	INR Zero Only
2.05	GI Fill Frame 10' x 5' Make: OEM	12.000	Nos	INR		0.00	INR Zero Only
2.06	GI Ladder 10' Long Make: OEM	3.000	Nos	INR		0.00	INR Zero Only
2.07	GI Pipe Support 20' Long of dia. 3/4 " Make: TATA/ SAIL/ JINDAL( C class)	34.000	Nos	INR		0.00	INR Zero Only
2.08	GI Pipe Support 15' Long of dia. 3/4 " Make: TATA/ SAIL/ JINDAL( C class)	38.000	Nos	INR		0.00	INR Zero Only
2.09	PVC Splash Cups Make: OEM	1800.000	Nos	INR		0.00	INR Zero Only
2.1	Supply of 2100mm dia Cast Axial Flow Fan with GI Hub & Aluminium Six Blades. Make: OEM	6.000	Set	INR		0.00	INR Zero Only
2.11	63mm PVC Sub Header Pipe 10' L Make: Finolex/ Supreme	126.000	Nos	INR		0.00	INR Zero Only
2.12	PVC Nozzles 7" Long Make: Finolex/ Supreme	254.000	Nos	INR		0.00	INR Zero Only
2.13	PVC 63mm End Cap Make: OEM	252.000	Nos	INR		0.00	INR Zero Only
2.14	PVC 200mm End Cap Make: OEM	9.000	Nos	INR		0.00	INR Zero Only
2.15	GI Cleats Make: OEM	72.000	Nos	INR		0.00	INR Zero Only
2.17	GI Base Frame for existing cooling tower of size ( 20' x 15') by using minimum 50 micron galvanised angle iron of (50mm x 50mm x 5 mm) size. Make: TATA/ SAIL/ JINDAL( C class)	3.000	Set	INR		0.00	INR Zero Only
2.18	FRP Casing (2100 x 2400) Make: OEM	2.000	Set	INR		0.00	INR Zero Only
2.19	FRP Bottom (20' x 15') Make: OEM	2.000	Set	INR		0.00	INR Zero Only
2.2	FRP Panel (5' x 10') Make: OEM	7.000	Set	INR		0.00	INR Zero Only
3	Construction of suitable height of RCC vertical (0.3x0.3)mtr. Size column for installation of cooling towers on roof top of halls complete with shuttering , reinforcement ,plastering etc. as required and dismantling of existing damaged column as per the direction of engineer in charge.	75.000	Mtr	INR		0.00	INR Zero Only

4	<p>Supplying, fixing, testing and commissioning of condenser water pipes of following sizes of MS 'C' class along with necessary clamps, vibration isolators and fittings such as bends,tees etc.but excluding valves, strainers, gauges etc. adequately supported on rigid supports duly painted/buried in ground excavation and refilling etc. as per specification and as required complete in all respect.</p> <p>Note:-The Pipes size 150mm &amp; below shall be M.S. 'C' class as per IS : 1239 and pipes size above 150mm shall be welded black steel pipe heavy class as per IS: 3589, from minimum 6.35mm thick M.S. Sheet for pipes upto 350 mm dia. And from minimum 7mm thick MS sheet for pipes of 400 mm dia and above. Make: Jindal/ TATA/ SAIL</p>						
4.01	500 mm dia	17.000	Mtr	INR		0.00	INR Zero Only
4.02	300 mm dia.	11.000	Mtr	INR		0.00	INR Zero Only
4.03	250 mm dia	20.000	Mtr	INR		0.00	INR Zero Only
4.04	150 mm dia	10.000	Mtr	INR		0.00	INR Zero Only
4.05	80 mm dia	40.000	Mtr	INR		0.00	INR Zero Only
4.06	40 mm dia	21.000	Mtr	INR		0.00	INR Zero Only
5	<p>Supplying, fixing, testing and commissioning of BUTTERFLY VALVE (MANUAL) with C I body SS disc nitrile sheet &amp; O - ring &amp; PN 16 pressure rating as specified valves,gauges and strainers for condenser water circulation as per specifications.</p> <p>Make: CASTLE/SANT/AUDCO</p>						
5.01	300 mm (Gear Type)	6.000	Nos	INR		0.00	INR Zero Only
5.02	40 mm	6.000	Nos	INR		0.00	INR Zero Only

6	Painting the pipes surface of following sizes with black japan and covering the pipe surface with 3mm thick terfelt and overlapping the pipe minimum 50mm, after that it will be heated and pasted pipe surface with the help of LPG blow lamp and Overlapping joints will be sealed with extra liquid bitumen etc as per direction of engineer in charge.						
6.01	500 mm dia	21.000	Mtr	INR		0.00	INR Zero Only
6.02	300 mm dia	20.000	Mtr	INR		0.00	INR Zero Only
6.03	250 mm dia	30.000	Mtr	INR		0.00	INR Zero Only
6.04	150 mm dia	20.000	Mtr	INR		0.00	INR Zero Only
6.05	80 mm dia	26.000	Mtr	INR		0.00	INR Zero Only
Total in Figures						0.00	INR Zero Only
Quoted Rate in Figures			Select			0.0000	Zero Only
Quoted Rate in Words		INR Zero Only					