



ANNEXURE A : SUGGESTIVE PRICE FORMAT FOR WORKSHOP EQUIPMENT PACKAGE FOR 2 X 660 MW SURATGARH STPS STAGE-V

		FOR INDIAN BIDDER						FOR FOREIGN BIDDER	
Sl. No	Description of works or equipment / system	Quantity	Unit Ex - works price (duly packed) in INR	Total Ex - works price (duly packed) in INR	ED	CST@-----% against form "C" or VAT@-----% ex-works	Freight charges @-----% of total ex-works	Total F.O.B. PRICE (CURRENCY)	TOTAL F.O.B. PRICE (CURRENCY)
1.0	Equipment / Item name : Total lump sum price of equipment / item along with accessories (standard accessories as well as special accessories as per NIT specification no. PE-TS-392-568-A001), cutting tools and cutting tool mounting accessories, maintenance tools and tackles, commissioning spares, foundation bolts, nuts, lock nuts, washers, levelling pads, painting, packing, delivery to site as per the specification for WORKSHOP EQUIPMENTS for 2x660 MW Suratgarh STPS Stage-V (List of items is as per attached Annexure-A1)	1 Lot (detail as per annexure-A1)			NIL against PAC				
2.0	Optional items								
a.	Price of recommended spares for three(3) years of operation (Bidder to furnish the list of recommended spares indicating unit rates, sizes / ratings and quantities in terms of numbers only in Annexure form)								
b.	Total lump sum price of super vision of erection and commissioning of workshop equipment.								
	Notes:								
a)	Bidder to note that total price indicated above at 1.0 shall be considered for evaluation and hence should be complete in all respect for the full scope defined and considering all terms and conditions agreed.								
b)	Any item not included in this price, quoted above and shown separately will not be taken cognizance of and the offer shall be liable for rejection.								

*[Signature]*

ANNEXURE-A1: 2X660 MW SURATGARH TPP - Workshop Equipment Package										FOR INDIAN BIDDER			FOR FOREIGN BIDDER	
S.No.	Machine Name	Brief Spec.	Qty (NOS)	Unit Ex - works price (duly packed) in INR	Total Ex - works price (duly packed) in INR	ED	CST@.....% against form "C" or VAT@.....%	Freight charges @.....% of total ex-works	Total F.O.R. site price	UNIT F.O.B. PRICE (CURRENCY)	TOTAL F.O.B. PRICE (CURRENCY)			
1	General Purpose Lathe	Height of Centres - 300mm, Swing over bed – 600 mm, Distance between centers - 3000 mm, Other parameters of the machine shall be as per manufacturer's standard.	1			NIL AGAINST PAC								
2	General Purpose Lathe	Height of Centres -400mm, Swing over bed – 800 mm, Distance between centers - 3000 mm, Other parameters of the machine shall be as per manufacturer's standard.	1			NIL AGAINST PAC								
3	Centre Lathe-Heavy Duty	Height of Centres - 550mm, Swing over bed – 1100 mm, Distance between centers - 5000 mm, Other parameters of the machine shall be as per manufacturer's standard.	1			NIL AGAINST PAC								
4	Precision lathe	Height of Centres - 250 mm, Swing over bed- 500 mm, Distance between centers - 3000mm, Other parameters of the machine shall be as per manufacturer's standard.	1			NIL AGAINST PAC								
5	Radial drilling Machine	Capacity drilling (max.) in mild steel: 50 mm diameter, 60 mm diameter in cast iron. Max. drilling radius – 1500 mm, Other parameters of the machine shall be as per manufacturer's standard.	1			NIL AGAINST PAC								
6	Bench Drilling Machine	Drilling capacity in steel 20-40 mm, Work table size-350 mm X350 mm, Round work table- 430 mm dia, Other parameters of the machine shall be as per manufacturer's standard	2			NIL AGAINST PAC								
7	Portable Drill	Drilling Capacity 6 mm to 25 mm, Geared motor to obtain different spindle speeds.	2			NIL AGAINST PAC								
8	Column Type Drilling Machine	Drilling capacity in steel/ CI 40 / 50 mm.	1			NIL AGAINST PAC								
9	Cylindrical Grinding Machine	Cylindrical grinding machine specified as SOB (swing over bed)– 350 mm, DBC (distance between centers)– 1500 mm. Other parameters of the machine shall be as per manufacturer's standard	1			NIL AGAINST PAC								
10	Double Ended Grinder	Wheel Size 350 mm dia, Other parameters of the machine shall be as per manufacturer's standard.	1			NIL AGAINST PAC								
11	Double Ended Grinder (Rough Grinder)	Wheel Size 350 mm dia, Other parameters of the machine shall be as per manufacturer's standard.	1			NIL AGAINST PAC								
12	Tool & Cutter Grinder	Swing Over bed 280 mm, Distance between tailstock 750 mm	1			NIL AGAINST PAC								
13	Flexible Shaft Grinder	Electric type, Geared motor, Mounting of Motor (Rotating, Straight, Swivelling and tilting mounting),Capacity 6 mm (collets)	2			NIL AGAINST PAC								
14	Shaping Machine	Stroke-600 mm, Other parameters of the machine shall be as per manufacturer's standard.	2			NIL AGAINST PAC								
15	Hydraulic Pipe Bending Machine	10 to 80 mm pipe size, upto 10 mm pipe thickness	1			NIL AGAINST PAC								
16	Plate Shearing Machine	12 mm X 2500 mm in Mild Steel	1			NIL AGAINST PAC								
17	Hand operated shear	capacity 3.15 mm thick	1			NIL AGAINST PAC								
18	Mechanical press	Capacity - 100 ton, Other parameters of the machine shall be as per manufacturer's standard	1			NIL AGAINST PAC								
19	Fly Press	Capacity - 2 ton, Other parameters of the machine shall be as per manufacturer's standard	1			NIL AGAINST PAC								
20	Vertical turning and Boring Machine	Max turning dia 1700mm, Table dia-1500, working height 1000 mm, Max vertical travel ram head-550 mm, horizontal travel of side ram head-300 mm , vertical travel of side ram head- 700mm, swivel angle of ram head +30 degree, AC Variable Frequency drive.	1			NIL AGAINST PAC								

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21	Slotting machine	Storke-500 mm, rotary table-510 mm, Longitudinal movement-400mm, cross movement-400mm, cutting speed strokes/min 60 to 90. To cut square and round material upto 300 mm	1			NIL AGAINST PAC					
22	Hydraulic Hacksaw		1			NIL AGAINST PAC					
23	Pipe Threading Machine	Capacity – 62.5mm to 150 mm for pipes, threading length 150mm.	1			NIL AGAINST PAC					
24	Dynamic Balancing Machine	Job dia (Max) -1 meter, Job Weight – 2 Tons.	1			NIL AGAINST PAC					
25	Universal Milling Machine	Table - 1500 mm X 300 mm, Other parameters of the machine shall be as per manufacturer's standard.	1			NIL AGAINST PAC					
26	Work Benches with Vice	Wooden with metal frame,Size 1800 (L)X 1200 (W) X 900 (H) with vice fitted on four corner, Vice jaw width - 150 mm	6			NIL AGAINST PAC					
27	Portable drilling and grinding machine	As per Technical Specification(PE-TS-392-568-A001)	5			NIL AGAINST PAC					
28	Set of Measuring tools	Scales, Protractors, Dial Gauge, Depth Gauge, Screw Driver Sets, Dividers, V Blocks, Planer Graphs, Tri Squares	2			NIL AGAINST PAC					
29	Surface Plate	As per Technical Specification(PE-TS-392-568-A001)	2			NIL AGAINST PAC					
30	Snap on tools	As per Technical Specification(PE-TS-392-568-A001)	2			NIL AGAINST PAC					
31	General tools	As per Technical Specification(PE-TS-392-568-A001)	6			NIL AGAINST PAC					
32	Vernier and Precision Micrometer	Vernier (0-150, 0-300, 0-600 mm), Inside Micrometer (0-50 mm, 0-150 mm, 0-300 mm), Out side micrometer (0-50, 0-100, 0-150, 0-300 mm)	2			NIL AGAINST PAC					
33	Crimping Tools	For crimping of aluminium / tinned copper, terminals, lugs, connectors, Range (0.5 to 16 mm2, 10 to 95 mm2, 10 to 185 mm2, 50 to 400 mm2)	1			NIL AGAINST PAC					
34	Lockers	Size 1200 mm X500 mm X 1800 mm (H), 10 compartments with individual locking provision	1			NIL AGAINST PAC					
35	Almiraha	Size 1200 mm X500 mm X 1800 mm (H), thickness 0.7 mm steel sheet fitted with 7 lever lock with 5 nos. of adjusted shelves	1			NIL AGAINST PAC					
36	Pneumatically operated spanners	Pneumatic impact wrenches 1/2" 3/8", air drill 2200 rpm power 0.44kw	1			NIL AGAINST PAC					
37	Hand lamps	Without bulb	3			NIL AGAINST PAC					
38	Static Balancing Machine	handling job dia 1.0 m job weight 2.0 T	1			NIL AGAINST PAC					
39	Hot air blower	30 M3/hr	1			NIL AGAINST PAC					
40	Incubation heater	200 W	1			NIL AGAINST PAC					
41	Hydraulic Puller	Capacity 100 ton, Maximum out side dia 1000 mm, Other parameters of the machine shall be as per manufacturer's standard	1			NIL AGAINST PAC					
42	Set of Spanners	Double Ended open type all sizes upto 2 inches, Box type all sizes upto 2 inches	2			NIL AGAINST PAC					
43	Valve Grinding and Lapping Tools	For Valve upto 150 NB	1			NIL AGAINST PAC					

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44	General Tools Kit	As per Technical Specification(PE-TS-392-568-A001)	3			NIL AGAINST PAC					
45	Measuring Tools Kit	As per Technical Specification(PE-TS-392-568-A001)	2			NIL AGAINST PAC					
46	Portable compressor and compressed air spraying equipment complete with spray gun and accessories suitable for painting application	Capacity: 127 litres / min, Pressure - 7.0 kg / cm2 (g), Reciprocating, Air cooled, Non lubricated, Air Receiver mounted, receiver capacity – 50 litres with suitable spray gun and accessories.	1			NIL AGAINST PAC					
47	Portable sanding machine	Rubber backing pads of diameter 180 mm & polishing sponge diameter 160mm	1			NIL AGAINST PAC					
48	Set of sign writing equipment and stencils	Stencils cutting machine 1" Heavy Duty, with the following accessories:- 1. 7"x22" double side poly-laminated oil Stencil Boards-200 Nos. 2. Stencil Brushes-6 Nos.									

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63	Trolley Mounted Pumping unit	Capacity 10000 L/hr, 10 m head	1			NIL AGAINST PAC								
64	Diesel tank	Cap 20 KL.	1			NIL AGAINST PAC								
TOTAL														

*[Handwritten Signature]*