

ANNEXURE-A: 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 Rs.	Total Ex - works price (duly packed) in Rs.	ED	CST @ -----% against form C/E1 or VAT @ -----% tax@.....%	Freight charges including service tax@.....%	Total F.O.R. site price in Rs.	Unit F.O.B price (Currency.....)	Total F.O.B price (Currency.....)
1.0	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 (List as per annexure-A1) :				Nil against PAC					
2.0	Optional Items									
a.	Total lump sum price of super vision of erection and commissioning of workshop equipment.									
a)	Notes: 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.									
c)	Bidder to furnish price of each item individually in ANNEXURE-A1									

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ANNEXURE-A1: 2X660 MW SURATGARH TPP - Workshop Equipment Package				FOR INDIAN BIDDER				FOR FOREIGN BIDDER			
Sl. No.	Machine Name	Brief Spec.	Qty (NOS)	Unit Ex - works price (duly packed) in Rs.	Total Ex - works price (duly packed) in Rs.	ED	CST@.....% against form C/E1 or VAT@.....%	Freight charges including service tax@.....%	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					
21	Slotting machine	Stroke-500 mm , rotary table-510 mm, Longitudinal movement-400mm, cross movement-400mm, cutting speed strokes/min 60 to 90.	1			NIL AGAINST PAC					
22	Hydraulic Hacksaw	To cut square and round material upto 300 mm	1			NIL AGAINST PAC					
23	Pipe Threading Machine	Capacity - 62.5mm to 150 mm for pipes, threading length 150mm.	1			NIL AGAINST PAC					

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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 mm ² , 10 to 95 mm ² , 10 to 185 mm ² , 50 to 400 mm ²)	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					
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 / cm ² (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					

Final

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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. 3. 1 kg tin oil Stencil Ink (Black)-1 No. 4. Dust cover-1 No. 5. Stainless Steel cleaning hook-1 No.	1			NIL AGAINST PAC					
49	Buffing and polishing machine	Capacity 0.75 KW.	1			NIL AGAINST PAC					
50	AC Welding Transformer	Portable Air /oil cooled, Max. continuous hand welding current (60% duty cycle) 300 Amps. Welding current range 50 to 400 Amps. Drip proof enclose. Maximum intermittent hand weld current 400 Amps.	2			NIL AGAINST PAC					
51	Welding Generator Set	Maximum continuous hand welding current (60% duty cycle) 300 A, Range of welding current 50-400 Amp, Other parameters of the machine shall be as per manufacturer's standard	2			NIL AGAINST PAC					
52	TIG Arc Welding	Portable forced air cooled, Capacity 200 Amps. 50 nos spare electrodes along with cable, hand gloves, protection shield.	2			NIL AGAINST PAC					
53	Welding Rectifier	Max. continuous hand welding current (60% duty cycle) 300 Amps, Welding current range 50 to 400 Amps, Maximum intermittent hand weld current 400 Amps.	2			NIL AGAINST PAC					
54	Gas Cutting Welding and Brazing Set	Capacity: Welding (Mild Steel)-25 mm (Max.), Cutting (Mild Steel)-150 mm (Max.) Shank	4			NIL AGAINST PAC					
55	Oxy Acetylene gas cutting and welding Sets	Oxy acetylene cutting torch with regulating nozzles shall be provided without any gas	4			NIL AGAINST PAC					
56	Electrode drying oven	Temperature - 50 to 250 degree C, Size 500 mm X 500 mm	1			NIL AGAINST PAC					
57	Welding Tables	Size - 750 mm (length) X 750 mm (width) X 900 mm (Ht)	4			NIL AGAINST PAC					
58	Soldering Irons	25 Watts, 220 Volts	6			NIL AGAINST PAC					
59	Portable electrode drier unit	Temperature : 50 to 250 OC, working space (approx.)- 80 mm dia. & 445 mm depth	3			NIL AGAINST PAC					
60	Welder accessories	Hand gloves, goggles, shield etc	6			NIL AGAINST PAC					
61	Portable centrifuge	Capacity 2000 L/hr	3			NIL AGAINST PAC					
62	Portable Pumping Unit	Capacity 6600 L/hr	2			NIL AGAINST PAC					
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											

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