



## PRE - QUALIFYING REQUIREMENTS

ENQUIRY NO:

PROJECT:

2 X 660 MW SURATGARH STPS, STAGE-V

PACKAGE:

WORKSHOP EQUIPMENTS

### CRITERIA FOR EVALUATION - FINANCIAL :

Average annual financial turnover during the last 3 years, ending 31st March of the previous financial year, should not be less than the sum of Turnover required as per Annexure-I against the item(s) quoted by the bidder.

#### Notes:-

a) The bidder has to submit financial accounts (audited, if applicable), for last three years (or from the date of incorporation, whichever is less) as on tender due date to review the above criteria. In case the incorporation of vendor is less than 3 years, average annual financial turnover shall be calculated based on available information as below:-

i) If the accounts are available for  $\leq 1$  Financial Year, the Average Annual Turnover shall be calculated based on available information divided by 1 (One).

ii) If the accounts are available for  $>1$  but  $\leq 2$  Financial Years, the Average Annual Turnover shall be calculated based on available information divided by 2 (Two).

iii) If the accounts are available for  $>2$  but  $\leq 3$  Financial Years, the Average Annual Turnover shall be calculated based on available information divided by 3 (Three).

b) Foreign bidder is to submit a latest report from reputed third party business rating agency like Dun & Bradstreet, Credit reform etc. in addition to the documents mentioned at point (a) above for review of above criteria.

c) Other Income shall not be considered for arriving at Annual Turnover/Sales.

d) For evaluation of foreign bidder, exchange rate (TT selling rate of SBI) as on scheduled date of tender opening (Part-I bid in case of two part bid) shall be considered.

<b>Sl. No.</b>	<b>Machine Name</b>	<b>Brief Spec.</b>	<b>Qty (Nos.)</b>	<b>Turnover Required (in INR)</b>
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	1091000
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	1674000
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	3015000
4	Precision lathe	Height of Centres - 250 mm , Swing over bed- 500 mm, Distance between centres - 3000mm, Other parameters of the machine shall be as per manufacturer’s standard.	1	1028000
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	1240000
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	519000
7	Portable Drill	Drilling Capacity 6 mm to 25 mm, Geared motor to obtain different spindle speeds.	2	127000
8	Column Type Drilling Machine	Drilling capacity in steel/ CI 40 / 50 mm.	1	413000
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	1950000
10	Double Ended Grinder	Wheel Size 350 mm dia, Other parameters of the machine shall be as per manufacturer’s standard.	1	135000
11	Double Ended Grinder (Rough Grinder)	Wheel Size 350 mm dia, Other parameters of the machine shall be as per manufacturer’s standard.	1	122000
12	Tool & Cutter Grinder	Swing Over bed 280 mm, Distance between tailstock 750 mm	1	625000
13	Flexible Shaft Grinder	Electric type, Geared motor, Mounting of Motor (Rotating, Straight, Swivelling and tilting mounting) ,Capacity 6 mm (collets)	2	79000
14	Shaping Machine	Stroke-600 mm, Other parameters of the machine shall be as per manufacturer’s standard.	2	996000
15	Hydraulic Pipe Bending Machine	10 to 80 mm pipe size, upto 10 mm pipe thickness	1	657000
16	Plate Shearing Machine	12 mm X 2500 mm in Mild Steel	1	2003000

<b>Sl. No.</b>	<b>Machine Name</b>	<b>Brief Spec.</b>	<b>Qty (Nos.)</b>	<b>Turnover Required (in INR)</b>
17	Hand operated shear	capacity 3.15 mm thick	1	34000
18	Mechanical press	Capacity - 100 ton, Other parameters of the machine shall be as per manufacturer's standard	1	646000
19	Fly Press	Capacity - 2 ton, Other parameters of the machine shall be as per manufacturer's standard	1	106000
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	3074000
21	Slotting machine	Storke-500 mm, rotary table-510 mm, Longitudinal movement-400mm, cross movement-400mm, cutting speed strokes/min 60 to 90.	1	1579000
22	Hydraulic Hacksaw	To cut square and round material upto 300 mm	1	238000
23	Pipe Threading Machine	Capacity – 62.5mm to 150 mm for pipes, threading length 150mm.	1	392000
24	Dynamic Balancing Machine	Job dia (Max) -1 meter, Job Weight – 2 Tons.	1	1181000
25	Universal Milling Machine	Table - 1500 mm X 300 mm, Other parameters of the machine shall be as per manufacturer's standard.	1	1568000
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	418000
27	Portable drilling and grinding machine	As per Technical Specification(PE-TS-392-568-A001)	5	188000
28	Set of Measuring tools	Scales, Protractors, Dial Gauge, Depth Gauge, Screw Driver Sets, Dividers, V Blocks, Planer Graphs, Tri Squares	2	152000
29	Surface Plate	As per Technical Specification(PE-TS-392-568-A001)	2	199000
30	Snap on tools	As per Technical Specification(PE-TS-392-568-A001)	2	106000
31	General tools	As per Technical Specification(PE-TS-392-568-A001)	6	148000
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	148000
33	Crimping Tools	For crimping of aluminium / tinned copper, terminals, lugs, connectors, Range (0.5 to 16 mm <sup>2</sup> , 10 to 95 mm <sup>2</sup> , 10 to 185 mm <sup>2</sup> , 50 to 400 mm <sup>2</sup> )	1	74000
34	Lockers	Size 1200 mm X500 mm X 1800 mm (H), 10 compartments with individual locking provision	1	90000

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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	74000
36	Pneumatically operated spanners	Pneumatic impact wrenches 1/2",3/8", air drill 2200 rpm power 0.44kw	1	58000
37	Hand lamps	Without bulb	3	7000
38	Static Balancing Machine	handling job dia 1.0 m job weight 2.0 T	1	795000
39	Hot air blower	30 M3/Hr	1	47000
40	Incubation heater	200 W	1	29000
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	1696000
42	Set of Spanners	Double Ended open type all sizes upto 2 inches, Box type all sizes upto 2 inches	2	38000
43	Valve Grinding and Lapping Tools	For Valve upto 150 NB	1	4000
44	General Tools Kit	As per Technical Specification(PE-TS-392-568-A001)	3	212000
45	Measuring Tools Kit	As per Technical Specification(PE-TS-392-568-A001)	2	307000
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 <sup>2</sup> (g), Reciprocating, Air cooled, Non lubricated, Air Receiver mounted, receiver capacity – 50 litres with suitable spray gun and accessories.	1	196000
47	Portable sanding machine	Rubber backing pads of diameter 180 mm & polishing sponge diameter 160mm	1	26000
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	137000

<b>Sl. No.</b>	<b>Machine Name</b>	<b>Brief Spec.</b>	<b>Qty (Nos.)</b>	<b>Turnover Required (in INR)</b>
49	Buffing and polishing machine	Capacity 0.75 KW.	1	31000
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	349000
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	561000
52	TIG Arc Welding	Portable forced air cooled, Capacity 200 Amps. 50 nos spare electrodes along with cable, hand gloves, protection shield.	2	318000
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	296000
54	Gas Cutting Welding and Brazing Set	Capacity: Welding (Mild Steel)-25 mm (Max.), Cutting (Mild Steel)-150 mm (Max.) Shank	4	424000
55	Oxy Acetylene gas cutting and welding Sets	Oxy acetylene cutting torch with regulating nozzles shall be provided without any gas	4	296000
56	Electrode drying oven	Temperature - 50 to 250 degree C, Size 500 mm X 500 mm	1	42000
57	Welding Tables	Size – 750 mm (length) X 750 mm (width) X 900 mm (Ht)	4	212000
58	Soldering Irons	25 Watts, 220 Volts	6	10000
59	Portable electrode drier	Temperature : 50 to 250 0C, working space (approx.)– 80 mm dia. & 445 mm depth	3	161000
60	Welder accesseries	Hand gloves, goggles, shield etc	6	21000
61	Portable centrifuge	Capacity 2000 L/hr	3	3339000
62	Portable Pumping Unit	Capacity 6600 L/hr	2	254000
63	Trolley Mounted Pumping unit	Capacity 10000 L/hr, 10 m head	1	159000
64	Diesel tank	Cap 20 KL.	1	371000