

To: M/s _____
Subj: **Tender Inquiry**

1. You are requested to please forward your offer for the following:-

Ser	Particular	A/U	Qty reqd to be Up gradation	IT No	Remarks
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Indent no 86 dated 09 Oct 2024 Shop-4 Maint Br

Upgradation of Box Type Elect Resistance Furnace Tag No: A8-3A

Specification of Machine

<u>Country of Origin</u> <u>China or Equivalent origin.</u>	Nos	01	IT-303	China or Equivalent
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1.	<u>Description of Machines</u>			
	S/no	Tag no and Nomenclature of existing Furnace	Tag no and Nomenclature of Upgraded Furnace	Remarks
	a.	A8-3B Box Type Elect Resistance Furnace	A8-3B Box Type Elect Resistance Furnace	

Scope of Upgradation

- | | |
|----|---|
| a. | Furnace Working Area 1500 x 1000 x 750mm. |
| b. | PID Based Temp Controller. |
| c. | Spring Type Elect Heating Element. |
| d. | Heat Resistance base plate alongwith new energy efficient lining. |
| e. | Precise temperature controller and Thyristor controller for smooth power regulation. |
| f. | Fast heating temperature up to 1000C°. |
| g. | Auto Shutdown sensor for main door and electrical vertical lift door. |
| h. | Temperature uniformities within Furnace ± 5 °C. |
| i. | Painting work of the furnace will be carried out by the firm. |
| j. | Installation & commissioning with the existing system will be carried out by the firm. |
| k. | Hard and Soft copy of Operation & Maintenance manual will be provided by the firm. |
| l. | Operation & Maintenance Training to 3 indls for 1 week at hit site will be provided by the firm. |
| m. | Any other electric and mechanical item req for integration and function of complete system. |
| n. | Firm to support the Machine with backup spares (on Payment) for 10 x Years after expiry of warranty period. |

Ser	Particular	A/U	Qty reqd to be Up gradation	IT No	Remarks							
Indent no 93 dated 14 Oct 2024 Shop-4 Maint Br												
<u>UPGRADATION OF TAG NO: A8-52 ROCK WELL HARDNESS TESTER</u>												
Specification of Machine												
<u>Country of Origin</u> <u>China or Equivalent origin.</u>		Nos	01	IT-304	China or Equivalent							
2.	<u>Description of Machines</u> <table border="1"> <thead> <tr> <th>S/no</th> <th>Tag no and Nomenclature of existing M/c</th> <th>Tag no and Nomenclature of Upgraded M/c</th> <th>Remarks</th> </tr> </thead> <tbody> <tr> <td>a.</td> <td>A8-52 Rock Well Hardness Tester</td> <td>A8-52 Digital RockWell Hardness Tester</td> <td></td> </tr> </tbody> </table>				S/no	Tag no and Nomenclature of existing M/c	Tag no and Nomenclature of Upgraded M/c	Remarks	a.	A8-52 Rock Well Hardness Tester	A8-52 Digital RockWell Hardness Tester	
S/no	Tag no and Nomenclature of existing M/c	Tag no and Nomenclature of Upgraded M/c	Remarks									
a.	A8-52 Rock Well Hardness Tester	A8-52 Digital RockWell Hardness Tester										
<u>Scope of Upgradation</u>												
a.	Hardness Tester DHR-150D											
b.	Operating Mode Digital											
c.	Hardness Value Reading Large LCD											
d.	Tolerance < 1.0%											
e.	Total Test Force 60kgf(588.4N), 100kgf(980.77N), 150kgf(1471N)											
f.	Load value Error <1.0%											
g.	Value Resolution 0.1HR											
h.	Dwell Time 0-99S adjustable											
i.	Rockwell Scales HRA, HRB:20-100 HRC:20-70 HRD:40-77, HRE:70-100 HRF:60-100 HRF: 60-100 HRG:30-94 HRH:80-100 HRK:40-100											
j.	Conversion Scales Superficial Rockwell with English Language											
k.	Max Specimen Height 200mm											
l.	Distance of indenter center to machine base 135mm											
m.	Max Diameter of Platform 200mm											
n.	Voltage AC220±5% 50-60Hz											
o.	Firm will carry out any other electrical and mechanical work if required.											
p.	Installation & commissioning of complete system will be carried out by the firm.											
q.	Firm will provide 01 x week training to 02 x indl's at HIT site.											
r.	Hard and Soft copy of Operation & Maintenance manual will be provided by the firm.											
s.	Firm to support the Machine with backup spares (on Payment) for 10 x Years after expiry of warranty period.											
Ser	Particular	A/U	Qty reqd to be Up gradation	IT No	Remarks							
Indent no 98 dated 21 Oct 2024 Shop-4 Maint Br												
<u>UPGRADATION OF TAG NO: A8-39 SPRING COILING M/C</u>												
Specification of Machine												
<u>Country of Origin</u> <u>China or Equivalent origin.</u>		Nos	01	IT-305	China or Equivalent							

3.	Description of Machines							
	S/no	Tag no and Nomenclature of existing Machine	Tag no and Nomenclature of Upgraded Machine	Remarks				
	a.	A8-39 Spring Coiling M/c	A8-39 Spring Forming M/c					
	Scope of Upgradation							
	a.	Spring Coiling M/c WF-1245R						
	b.	Wire Diameter 1.0-4.5mm, Axis 12-14						
	c.	Max. Wire Feed Value 9999.99 mm, Min. Wire Feed Value 0.01mm & Min Wire Feed Speed 80000mm/min						
	d.	Slide axis with brake 8 ~ 2.0 KW						
	e.	Rotary Quill axis 1~1.0 KW, Wire Rotary axis 1~ 2.7KW & Wire Feeding axis 1~7.5KW						
	f.	Spinner axis 1.0KW, Free Arm axis 1.0KW.						
	g.	Air Compressor 5-6 Kg/cm, Probe 4 pcs.						
	h.	Firm will carry out any other electrical and mechanical work if required.						
	i.	Installation & commissioning of complete system will be carried out by the firm.						
j.	Firm will provide 01 x week training to 02x indl's at HIT site.							
k.	Hard and Soft copy of Operation & Maintenance manual will be provided by the firm.							
l.	Firm to support the Machine with backup spares (on Payment) for 10 x Years after expiry of warranty period.							
Ser	Indent No & date	Shop	Ser	Items	A/U	Qty	IT No	Country of Origin
4.	Indent no 44 dt 21 Oct 24	Shop-K	1	Brass Wire 0.20mm 05Kg (VEW-20H) Vertex	Nos	02	IT-306	Pak/China or Equivalent
			2	Brass Wire 0.25mm 05Kg (VEW-25H) Vertex	Nos	02		
			3	Brass Wire 0.30mm 05Kg (VEW-30H) Vertex	Nos	02		
5.	Indent no 45 dt 21 Oct 24	Shop-K	1	Printed Corrugated Container 150 x 100 x 100mm	Nos	500	IT-307	Pak/China or Equivalent
			2	Printed Corrugated Container 150 x 150 x 100mm	Nos	500		
			3	Printed Corrugated Container 205 x 205 x 150mm	Nos	500		
			4	Printed Corrugated Container 255 x 255 x 150mm	Nos	500		
6.	Indent no 46 dt 21 Oct 24	Shop-K	1	Brass Wire 0.25 mm Model VEW-25H Make Vertex (05kg in each Roll)	Kg	10	IT-308	Pak/China or Equivalent
7.	Indent no 05 dt 21 Oct 24	Shop-10	1	Victawet (wetting Agent)	Gln	03	IT-309	Pak/China or Equivalent
8.	Indent no 03 dt 25 Oct 24	MT Sec	1	Fan Belt		02	IT-310	Pak or Equivalent
			2	Fuel Filter		03		
			3	Air Cleaner		01		
			4	Accelerator Cable		01		
			5	Wheel baring		01		
			6	Starting Relay		02		
			7	House Pipe		02		
			8	Clutch Master Cly Kit		01		
			9	Propeller shaft joint		01		
			10	Temperature Gage		01		
			11	Tapet cover Seal		01		
			12	Spedo meter		01		

9.	Indent no 121 dt 04 Nov 24	Shop-4 Maint	1	Heating Element Ø 10mm • Hot Zone= 200mm • Cold End = 170mm • Overall Length=540mm • Resistance= 4.5 OHM • Power=950Watt 1000°C	Nos	11	IT-311	China/ Equivalent
10.	Indent no 123 dt 04 Nov 24	Shop-4 Maint	1	Pressure Switch for Air Compressor (As Per Sample)	No's	6	IT-312	China/ Equivalent
			2	Solenoid Valve Hydraulic Type 110V (As Per Sample)	No's	6		
			3	Pneumatic Solenoid Valve Coil 24V DC 3 Way	No's	6		
			4	Pneumatic Solenoid Valve Coil 24V DC 5 Way	No's	6		
			5	Pressure Sensor (As Per Sample)	No's	6		
			6	Panel Fan 110V AC Size: 4x4"	No's	6		
			7	Panel Fan 110V AC Size: 6x6"	No's	6		
			8	Panel Fan 220V AC Size: 4x4"	No's	6		
			9	Panel Fan 220V AC Size: 6x6"	No's	6		
			10	Pneumatic Pipe M10	Mtr	10		
			11	Pneumatic M6	Mtr	10		
			12	Hydraulic Pipe with inner side spring 1"	Mtr	20		
			13	Pressure Gauge Range: 0~100Bar	No's	6		
			14	Ball Valve SS ½"	No's	6		
			15	Ball Valve SS ¼"	No's	6		
			16	Pneumatic Elbow M6	No's	12		
			17	Pneumatic Elbow M8	No's	12		
			18	Pneumatic Elbow M10	No's	12		
			19	Pneumatic Elbow M12	No's	12		
			20	Pneumatic Elbow Thread Type ½" M6	No's	12		
			21	Pneumatic Elbow Thread Type ½" M8	No's	12		
			22	Pneumatic Elbow Thread Type ½" M10	No's	12		
			23	Pneumatic Elbow Thread Type ½" M12	No's	12		
			24	Pneumatic Elbow Thread Type ¼" M6	No's	12		
			25	Pneumatic Elbow Thread Type ¼" M8	No's	12		
			26	Pneumatic Elbow Thread Type ¼" M10	No's	12		
			27	Pneumatic Elbow Thread Type ¼" M12	No's	12		
			28	Pneumatic Tee Joint M6	No's	12		
			29	Pneumatic Tee Joint M8	No's	12		
			30	Pneumatic Tee Joint M10	No's	12		
			31	Pneumatic Tee Joint M12	No's	12		
			32	Pneumatic Tee Joint Thread Type ½" M6	No's	12		
			33	Pneumatic Tee Joint Thread Type ½" M8	No's	12		
			34	Pneumatic Tee Joint Thread Type ½" M10	No's	12		
			35	Pneumatic Tee Joint Thread Type ½" M12	No's	12		
			36	Pneumatic Tee Joint Thread Type ¼" M6	No's	12		
			37	Pneumatic Tee Joint Thread Type ¼" M8	No's	12		
			38	Pneumatic Tee Joint Thread Type ¼" M10	No's	12		
			39	Pneumatic Tee Joint Thread Type ¼" M12	No's	12		
			40	Pneumatic I Reducer 6mm~8mm	No's	12		
			41	Pneumatic I Reducer 8mm~10mm	No's	12		
			42	Pneumatic Connector M6	No's	12		

			43	Pneumatic Connector M8	No's	12		
			44	Pneumatic Connector M10	No's	12		
			45	Pneumatic Connector M12	No's	12		
			46	Sufaida	No's	6		
11.	Indent no 124 dt 04 Nov 24	Shop-4 Maint	1	Rubber Pipe Inner Dia ½"	Mtr	20	IT-313	China/ Equivalent
			2	Nozzle for Air Compresso (As Per Sample)	No's	6		
			3	Small Nozzle for Air Compressor (As Per Sample)	No's	6		
			4	LN Key Bolt M4x75 (mm)	No's	24		
			5	LN Key Bolt M5x75 (mm)	No's	24		
			6	LN Key Bolt M6x75 (mm)	No's	24		
			7	LN Key Bolt M8x75 (mm)	No's	24		
			8	LN Key Bolt M4x75 (inches)	No's	24		
			9	LN Key Bolt M5x75 (inches)	No's	24		
			10	LN Key Bolt M6x75 (inches)	No's	24		
			11	LN Key Bolt M8x75 (inches)	No's	24		
			12	CSK Bolt M4	No's	24		
			13	CSK Bolt M5	No's	24		
			14	CSK Bolt M6	No's	24		
			15	D-Type Cell 1.5V Alkaline	No's	24		
			16	Air Compressor Belt A-50	No's	12		
			17	Hydraulic Type Solenoid Valve for Lubrication 24V DC (As Per Sample)	No's	3		
			18	Hydraulic Elbow M6	No's	12		
			19	Hydraulic Elbow M8	No's	12		
			20	Hydraulic Elbow M10	No's	12		
			21	Hydraulic Elbow M12	No's	12		
			22	Hydraulic Tee Joint M6 (Thread Type)	No's	12		
			23	Hydraulic Tee Joint M8 (Thread Type)	No's	12		
			24	Hydraulic Tee Joint M10 (Thread Type)	No's	12		
			25	Hydraulic Tee Joint M12 (Thread Type)	No's	12		
			26	Lithium Battery CR2025 3V CHN	No's	3		
			27	Belt for YDPM (Turning Center) POLYMAX 7111320 28A1	No's	5		
			28	Belt for Cobra (Turning Center) 3VX450	No's	1		
			29	Belt for Goodway Small (Turning Center) POLYMAX 311M2000JB	No's	2		
			30	Belt for Ecoca SL-8 (Turning Center) M7 1600 309060	No's	2		
			31	Belt for Hi-Tech 200 AL (Turning Center) POLYMAX 87M1550JB	No's	4		
			32	Belt for Puma 230 (Turning Center) 193SS 231	No's	9		
			33	Belt for Lead Well LT-20 (Turning Center) 20PL 1760 V-Belt	No's	2		
			34	Belt for Goodway Large (Turning Center) HTS 1064-8M	No's	1		
			35	Belt for Puma 230 (Turning Center) 3VX-800	No's	9		
			36	Belt for Morisiki SL-400 (Turning Center) 5PK2100 A21	No's	5		
			37	Belt for SKT28L (Turning Center)	No's	10		
12.	Indent no 125 dt 04 Nov 24	Shop-4 Maint	1	Power Supply input 110V AC output 24V DC 10 Amp	No's	05	IT-314	China/ Equivalent
			2	Power Supply input 220V AC output 24V DC 40 Amp	No's	02		
			3	AC Contactor 63 Amp 3 Pole Coil Voltage 220V AC	No's	04		

			4	Teflon Wheel 4" with mounting bracket 4 hole	No's	60		
			5	Power Supply input 220V AC output 12V DC 15 Amp	No's	05		
			6	BB Battery BP-12-12 (12V, 12AH/20HR)	No's	01		
13.	Indent no 128 dt 05 Nov 24	Shop-4 Maint	1	Insulation (White)	No's	150	IT-315	Pak/ Equivalent
			2	Insulation (Red)	No's	300		
			3	Fire Clay	Kg	500		
			4	China Cement (25 Kg)	Bag	05		
14.	Indent no 129 dt 05 Nov 24	Shop-4 Maint	1	Std Bricks 3 Inches	No's	350	IT-316	Pak/ Equivalent
			2	Phana 2 5x3 Inches	No's	200		
			3	Insulation (Red)	No's	200		
			4	Block T-52	No's	25		
			5	Burner Block	No's	1		
			6	Slab 31x15x4	No's	1		
			7	China Cement (25 Kg)	Bag	5		
			8	Fire Clay	Kg	500		
15.	Indent no 130 dt 05 Nov 24	Shop-4 Maint	1	Power Supply Card PSC 04	Nos	01	IT-317	China/ Equivalent
			2	Servo Drive Card PEC 10	Nos	01		
16.	Indent no 131 dt 07 Nov 24	Shop-4 Maint	1	Ram Packing Ring C41-31300	Set	01	IT-318	China/ Equivalent
			2	Ram Sealing Ring C41-750-1029/1	Set	02		
			3	Ram Sealing Ring C41-750-1029/2	Set	02		
17.	Indent no 132 dt 07 Nov 24	Shop-4 Maint	1	160 Ton Double Disc Friction Screw Press Slide J53-160B	Set	01	IT-319	Pak/ Equivalent
18.	Indent no 09 dt 15 Oct 24	Ancy Shop	1	Wire spool Ms 1.2	Nos	01	IT-320	Pak/China/ Equivalent
			2	Tip Holder	Nos	10		
			3	Neck Liner	Nos	10		
			4	Liner insulated Rod	Nos	04		
			5	Contract Tip 1.2	Nos	15		
			6	Gas Nozel	Nos	10		
19.	Indent no 35 dt 31 Oct 24	Store-II	1	SC-7001 Overall Combination (Two Pieces) Small-15% Med 50% Large 30% ext large 5% cloth cotton mix wt 220-260 gm/m2 colour MB Green/light blue as per drg	Nos	90	IT-321	Pak/China/ Equivalent
20.	Indent no 36 dt 31 Oct 24	Store-II	1	A-0821 Acetylene Industrial M/S POL	Cu.m	150	IT-322	Pak/China/ Equivalent
21.	Indent no 38 dt 31 Oct 24	Store-II	1	A-0829 Freon F-12 Ind 99.8% Pure (Liquid state) sealed Cu;omder 13.6kg (each)	Kg	170	IT-323	Pak/China/ Equivalent
22.	Indent no 39 dt 31 Oct 24	Store-II	1	A-0826 Ammonia Gas Ind (NH3) water contents not more than 0.5% (liquid state) compressed form	Kg	1700	IT-324	Pak/China/ Equivalent
23.	Indent no 40 dt 31 Oct 24	Store-II	1	A-0825 Oxygen Ind M/S POL	Cu.m	180	IT-325	Pak/China/ Equivalent
24.	Indent no 122 dt 04 Nov 24	Shop-4 Maint	1	Furnace Lining • Length=242mm • Width=167mm • Height=30mm • Temperature=1600 °C to 1800 °C	Nos	01	IT-326	China/ Equivalent
25.	Indent no 06 dt 25 Oct 24	EM Br	1	WZ120-44-023-4 (Track Pin for Tk T- 85) 38CrSi/Ø22 Track Pin	Kg	5000	IT-327	Pak/China/ Equivalent
26.	Indent no 06 dt 05 Nov 24	Shop-10	1	Hot Plate 2000 watt	Nos	05	IT-328	Pak/China/ Equivalent
			2	Steel Shots Size S/170	Kg	300		

27.	Indent no 01 dt 04 Nov 24	Met Lab	1	Gauge Block Set (112 pcs) Grade 00	Nos	01	IT-329	Pak/China/ Equivalent
			2	Gauge Block Set (20 pcs) Grade 02	Nos	01		
			3	Digital Pressure Gauge ADT 681 0~1000 bar Model: ADT681-10-GP15K-BAR-B Accuracy: 0.1% FS. Port Type: 1/4BSPM	Nos	01		
			4	Digital Pressure Gauge 0 to 70 bar ADT681-02-GP1K-BAR-B Accuracy: 0.02% FS Port Type: 1/4BSPM	Nos	01		
			5	Flexible Immersion Probe -200 ~ +1300 °C (Thermocouple K type) Accuracy: Class I Testo Germany	Nos	01		
			6	Torque Wrench Tester 20-400 kgfm	Nos	01		
			7	Level 0.02 mm Accuracy	Nos	01		
			8	Stop Watch 100ms ~ 23.59Hrs	Nos	01		
			9	Weights 10kg, 20 kg F1 Class	Nos	02		
			10	Load cell S type with Indicator (Extension & Compression) 500 Kg	Nos	01		
			11	Load cell S type with Indicator (Extension & Compression) 2 Ton	Nos	01		
			12	Load cell Ball type with Indicator (Compression only) 30 Ton	Nos	01		
			13	Weighing Digital Balance with Indicator (Platform 36" x 36") 2 Ton	Nos	01		

Ser	Particular	A/U	Qty reqd to be Up gradati on	IT No	Remarks
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Indent no 02 dt 04 Nov 24 Met Lab

Digitalization/Upgradation of Universal Tool Maker Microscope Model No. 19 JA

Specification of Machine

<u>Country of Origin</u> <u>China or Equivalent origin.</u>				Nos	01	IT-330	China or Equivalent	
28.	<u>Description of Machines</u>							
	S/no	Tag no and Nomenclature of existing Machine	Tag no and Nomenclature of Upgraded Machine					Remarks
	a.	AR 3-3 Universal Tool Maker Microscope	AR 3-3 Digital Universal Tool Maker Microscope					
	<u>Scope of Upgradation</u>							
	a.	X – Axis & Y – Axis Scale Digitalization						
	b.	X – Axis & Y – Axis Linear Scale Replacement						

Ser	Indent No & date	Shop	Ser	Items	A/U	Qty	IT No	Country of Origin
29.	Indent no 46 dt 20 Nov 24	Store-II	1	T-028 S/S Drill Ø 1.0mm	Nos	20	IT-331	Pak/China/ Equivalent
			2	T-029 S/S Drill Ø 1.2mm	Nos	20		
			3	T-030 S/S Drill Ø 1.4mm	Nos	20		
			4	T-031 S/S Drill Ø 1.5mm	Nos	20		
			5	T-032 S/S Drill Ø 1.6mm	Nos	20		
			6	T-033 S/S Drill Ø 1.8mm	Nos	20		
			7	T-034 S/S Drill Ø 2.0mm	Nos	20		
			8	T-035 S/S Drill Ø 2.2mm	Nos	20		
			9	T-036 S/S Drill Ø 2.5mm	Nos	20		
			10	T-037 S/S Drill Ø 2.7mm	Nos	20		
			11	T-038 S/S Drill Ø 2.9mm	Nos	20		

			12	T-039 S/S Drill Ø 3.0mm	Nos	20		
			13	T-040 S/S Drill Ø 3.2mm	Nos	20		
			14	T-041 S/S Drill Ø 3.5mm	Nos	60		
			15	T-042 S/S Drill Ø 3.8mm	Nos	20		
			16	T-044 S/S Drill Ø 4.5mm	Nos	20		
			17	T-045 S/S Drill Ø 4.8mm	Nos	20		
			18	T-046 S/S Drill Ø 5.0mm	Nos	60		
			19	T-047 S/S Drill Ø 5.2mm	Nos	20		
			20	T-048 S/S Drill Ø 5.4mm	Nos	20		
30.	Indent no 47 dt 20 Nov 24	Store-II	1	T-050 S/S Drill Ø 6.0mm	Nos	20	IT-332	Pak/China/Equivalent
			2	T-051 S/S Drill Ø 6.2mm	Nos	20		
			3	T-052 S/S Drill Ø 6.5mm	Nos	20		
			4	T-053 S/S Drill Ø 6.8mm	Nos	20		
			5	T-054 S/S Drill Ø 7.0mm	Nos	20		
			6	T-057 S/S Drill Ø 7.5mm	Nos	20		
			7	T-058 S/S Drill Ø 7.8mm	Nos	20		
			8	T-059 S/S Drill Ø 8.0mm	Nos	20		
			9	T-061 S/S Drill Ø 8.5mm	Nos	20		
			10	T-062 S/S Drill Ø 9.0mm	Nos	20		
			11	T-065 S/S Drill Ø 10.0mm	Nos	20		
			12	T-103 Hand Tap M 10x1	Set	03		
			13	T-105 Center Drill Ø 2.5mm	Nos	20		
			14	T-107 Center Drill Ø 3.5mm	Nos	20		
			15	T-108 Center Drill Ø 4.5mm	Nos	20		
			16	T-110 End Mill Cutter Ø 6mm	Nos	20		
			17	T-111 End Mill Cutter Ø 8mm	Nos	10		
			18	T-112 End Mill Cutter Ø 10mm	Nos	10		
			19	T-113 End Mill Cutter Ø 12mm	Nos	10		
			20	T-114 End Mill Cutter Ø 14mm	Nos	10		
			21	T-115 Round Ø M 8x1	Nos	04		
			22	T-116 Round Ø M 10x1	Nos	04		
31.	Indent no 10 dt 14 Nov 24	Ancy	1	Abrasive cutter	Nos	01	IT-333	Pak/China/Equivalent
			2	Electric hand cutter	Nos	01		
			3	Degree cutter machine	Nos	01		
			4	Cordless drill machine	Nos	01		
			5	Cutting disc 14"	Nos	25		
			6	Router	Nos	01		
			7	Air spray gun	Nos	02		
32.	Indent no 138 dt 19 Nov 24	Shop-4 Maint	1	Galvanized Steel Rope 8mm	Mtr	100	IT-334	Pak/Equivalent
			2	Ring Brake Leather with Copper Wire Thickness 5mm Internal Dia 75mm Outer Dia 150mm	Nos	12		
33.	Indent no 139 dt 19 Nov 24	Shop-4 Maint	1	Single Core Elect Cable 6mm ²	Mtr	90	IT-335	Pak/Equivalent
			2	Thimble 6mm ²	Nos	200		
			3	Bolt M 6x15mm	Nos	200		
			4	Nut M6	Nos	200		
34.	Indent no 140 dt 19 Nov 24	Shop-4 Maint	1	Tapper Roller Bearing 7204	Nos	10	IT-336	Pak/Equivalent
			2	Resistance 2W, 4.7K	Nos	06		
			3	Transsister A1225 (SMD)	Nos	02		

INSTRUCTION TO BIDDERS ON SUBMISSION OF BIDDING DOCUMENTS

- Rates will be quoted on FOR Taxila Cantt basis. Offer best competitive price" **MOST ADVANTAGEOUS BID ON LEAST COST METHOD**" while submitting your quotation.
- Over writing/incomplete/unstamped and cutting of any nature in the quotation will not be accepted /entertained.
- Do not quote more than one brand or any other items except our demand; no action will be taken if received.
- Bidding Process (**Single Stage-Two Envelope**)
- (a). **Each IT may be quoted separately (With PART-I and PART-II)**
- (b). **Part-I and Part-II** quotation will be enclosed in separate sealed envelopes for each inquiry. For identification purpose, the words "**TECHNICAL QUOTATION (PART-I) WITHOUT PRICE** and **COMMERCIAL QUOTATION (PART-II) WITH PRICE**" Shall Be Written in **CAPITAL LETTERS** on the respective sealed. Envelopes

which will be placed in a large each bearing complete detail of the tender inquiry. Forward your quotation not later than **19 Dec 2024 at 1100 hrs.**

BID ENVELOPE FORMAT

TENDER INQUIRY NO. 8600/ IT-303 To IT-336 / Proc-D dated 29 Nov 2024.

TO BE OPENED ON **19 Dec 2024 at 11:30 hrs.**

To: DAD Procurement DESCOM (Factory)
HEAVY INDUSTRIES TAXILA, Taxila Cantt
FROM MS _____

TECHNICAL QUOTATION FORMAT

S/No	Nomenclature / Description	A/U	Qty	(xxxx)
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COMMERCIAL QUOTATION FORMAT

S/No	Nomenclature / Description	A/U	Qty	Unit Price With GST
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7. The date of **Opening of bids** and the last date for the submission of bids shall be the same. Bids shall be opened at the time **19 Dec 2024 at 11:30 hrs.** The bids shall be opened at least thirty minutes after the deadline for submission of bids/Quotation (as per PPRA Rule-28 i)

(a) **GST & NTN should be mentioned on Technical, Commercial quotation, Otherwise offer will be ignored / Rejected by the CA.**

Delivery of Tender

8. The Tender / bid will be enclosed in a sealed envelope which will invariably marked with 'Bid against Tender Inquiry and Complete address. The Tender if brought by hand, will be handed over to security staff on duty at HRF (T) Gate-1 for placing the same in the bid box (Proc Sec DESCOM Factory). The bid will not be brought by hand by any firm while visiting the office of DAD Proc. Moreover if required endorsement are found missing, the bid will be liable for rejection.

General Conditions

9 **All Firms participating in the tender will deposit 2% bid security of total quoted value in the shape of CDR/BG addressed to MD DESCOM, Heavy Industries Taxila. The bid security instrument shall be enclosed by the firm in Commercial offer. A separate certificate that 2% bid money enclosed in the commercial offer will be provided along with the technical offer.**

10. All clauses/terms mentioned in this inquiry will be considered accepted by the firm in case no reference to them is given in the offer.

11. **Info Tender fee** in the shape of **Cash for Rs.1000/- (Rupees One Thousand)** in favour of Managing Director, HIT Taxila Cantt will invariably be enclosed with the **technical quotation** against each tender inquiry separately, failing which the quotation will be rejected.

12. Firms are instructed not to send Telex and Fax quotations. Such quotations/offers will not be accepted.

13. **Suitable sample free of cost where called for will be supplied by the firm free of cost.**

14. HIT reserves its right to cancel the bidding process with reason but without any obligation to justify such a reason.

15. The stores are required to be delivered at Taxila Cantt (HIT DESCOM Factory) within contract period from the date of signing the contract.

16. Offered price quoted **must be final** and inclusive of all Taxes, packing, handling charges, Installation & Commissioning charges if required.

17. Offers must remain valid for **90 days** from the date of opening of the tender. In case of validity of offer not defined / less than 90 days by the firm, then offer will be considered validity **90 days** by this org.

18. This inquiry may not be taken as an indication of subsequent supply order and does not in any way commit HIT to purchase the items offered.

19. Warranty period will be **one year** from the date of issuance of CRV of the stores.

20. In case of failure to supply the stores/machine items within stipulated period **liquidated damages** at following rate of % against total contract value amount (1% for first 21 days and 2% after that not exceeding to max value of 10% value of goods).

21. HIT reserves the right to increase/decrease the quantity of items, placed on the tender without any reference to the firm.

22. The net offered price must be inclusive of all / taxes as imposed by Government of Pakistan. The offers without mentioning of any taxes will be **considered inclusive** of taxes as imposed by govt of Pakistan against **store / services.**

23. In case of any dispute regarding the terms and conditions and the quality of stores, the decision of the Chairman HIT will be considered as final and binding on the suppliers/firms.

24. In case your firm fails to execute the order within the stipulated time and does not materialize the supply of ordered stores, the supply order/contract will be cancelled at your **Risk and Expense.** Expense expenditure incurred on the repurchase of offered stores will be recovered from your firm under existing procedures.

25. Inspection of the stores will be carried out at HIT Taxila Cantt.

26. If the store does not fulfill the tender requirements/standard specifications after being **LOWEST** then the **next lowest offer** will be considered. HIT may rejects all bids or proposals at any time prior to the acceptance of a bid or proposal. The HIT shall upon Request communicate to any supplier or contractor who submitted a bid or proposal, the grounds for its rejection of all bids or proposal, but is not required to justify those grounds.

27. **Conditional offers will not be accepted.**

28. In case of **electrical and electronics** equipment warranty period may also be mentioned in technical quotation irrespective of prices (otherwise warranty period will be consider 1x year).

29. In case you do not wish to quote the rates please return the tender documents duly signed and stamped at your earliest.

30. Firms having excellent past record of supply / experience with DESCOM Factory as far as quality and timely provision of store is concerned will be given preference.

COUNTRY OF ORIGIN

31. All countries except India, Israel and Taiwan.

Deposit of 5% Performance Bank Guarantee (BGs Against Contract till Warranty Period)

32. The successful bidder shall furnish a (5% for Registered firms in HIT) Bank Guarantee within one month from the date of signing of the contract from scheduled bank in Pakistan against the total value of contract excluding Taxes /

duties in the shape of CMA HIT Taxila Cantt. This Bank Guarantee must remain valid for 12 x months after the store are put in operation. BG will be released after completion of warranty period of store .i.e One year (Min).

TERMS OF PAYMENT

33. Payment will be made by the CMA (HIT) Taxila Cantt against pre-receipted bill (duly affixed with revenue stamp) along with professional tax certificate (Photo copy attested) of the supplier after delivery and acceptance of stores.
34. Part payment of part delivery is allowed.
35. The payment to the registered persons may be linked with the active taxpayer status of the suppliers as per FBR database. If any registered supplier is not in ATL his payment should be stopped till the files his mandatory returns and appears on ATL of FBR.
36. No Advance payment in any condition.
37. Bill will be processed after the date of accepted store and CRV. (Subject to condition functional test for electrical /Electronics store).
38. Bill will be processed after received of acceptance on the basis of complete installation / up gradation and commissioning of subject machine by user.

ELIGIBILITY CRITERIA

39. No firm will quote more than **1 x brand otherwise Quotation will be consider rejected / ignore** at bidding stage. (Technical opening)
40. Offers of those firms will be **rejected** which is still having ending supplies of the contracted stores **beyond respective DPs** against previous contracts and return of sample issued against previous contracts of DESCOM.
41. Non mentioning of **country** and **Brand** in Quotation then Quotation will be rejected in technical scrutiny.
42. In case of indigenously locally manufactured items, should have capacity to manufacture desired number of parts. Capacity for manufacturing of parts will be verified by team ex DESCOM during Technical scrutiny of offers **if required**.
43. Confirmation of Delivery of store is **45 x Days** after signing of contract which may be confirmed in technical quotation otherwise offer will be rejected at the time of opening of technical quotation.
44. Firm should not be black listed or defaulted any ware within or outside Pakistan this regard firm should provide " No Black Listing / defaulting Cert" (affidavit on Judicial stamp duly attested by notary public to be provided).
45. Only registered supplier / person who are on Active Taxpayer List (ATL) of FBR an eligible to supply goods/services to government departments. Thus the bidders will submit certificate to this regard along with technical **bid**.
46. Professional / Trade Tax clearance certificate for CFY 2023-2024 duly stamped by Excise & Taxation department may be provided with Technical Quotation by the Bidder.
47. Firm with excellent record of supply / past experience with DESCOM as far as quality and timely provision of store is concerned will be given preference. Participating firms should not have defaulted in any contract with defense Organization.

EVALUATION CRITERIA

48. Firm quoted specs must be 100% same as demanded in IT otherwise rejected in technical evaluation.
49. Expertise may be determined on the basis of general/Specific Experience and past Performance (may be demanded if required by HIT).

WM
DAD Proc (D)
(Engr. Imtiaz Ali)