

Bid invitation

Information

Description: EMN/1060019464/Electrical Control Panel

Bid invitation number: 6300037522

Version: 1

Bid invitation rules

Bid invitation currency: INR

Timezone: UTC+53

Submission period: 10.06.2022 17:00:00

Opening date: 10.06.2022 17:00:00

Created On: 21.05.2022 03:52:24

Bid invitation text:

GENERAL TERMS & CONDITIONS :

1. Delivery Terms: FDD/ FOR BEML, KGF.

2. Payment Terms :

Material : 100% payment on 60th day from the date of receipt and acceptance

Installation & commissioning : 100% payment in 60 days from the date of certification of Maintenance

Department

For MSEs payment term will be as per MSME act (i.e 45 days)

3. Micro & small enterprise bidders to attach copy of Udyog Adhaar certificate

4. Quote should be valid for minimum 60 days from the date of Bid opening. Bids of those firms validity is less than 60 days are liable for rejection.

5. Firm to indicate GSTIN and applicable GST in their bid.

6. Firm to indicate 8 digit HSN code for the items and 6 digit SAC for services in the bid invitation .

7. Firm to indicate the time requirement for supply and Installation commissioning separately

8. Warranty : One year from the date of satisfactory installation at BEML, KGF..

9. Firm to indicate item wise complete specification and other connected details in their bid.

10. L-1 evaluation will be based on the Net Landed cost (of all the items / Services in the Bid invitation for full quantity) of technically accepted bids.

Firms to quote for all the items / Services in the Bid Invitation. Bids of those firms who have quoted for all the items / Services in the Bid Invitation will only be considered for technical evaluation

NOTE :-

1) In e- Bidding system - If you need any type of assistance, Please contact Mr. Krishna Mohan / Mrs. Anitha (Ph No – 080- 22963269 / 22963141 & Email – admin.srm@beml.co.in) .

2) Please contact given below mail IDs / phone nos for any type of technical clarification.

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i) esm@beml.co.in , ph no. 08153-279931 Mr M V Gopal, DGM(Maintenance) &

ii) emnkgf@beml.co.in, Ph no. 08153-279308 Mr Audishesai AGM(Purchase)

Attachments:

Digital Signature

Bid invitation details

Item	Product	Description	Vendor product number	Delivery date/ performance period	Quantity
1	008726482075	ELECTRICAL CONTROL PANEL FN3H/V		00:00:00	2 NO

Item long text:

Supply of electrical control panel for FN3 Milling Machines at Machine Shop-1.

BILL OF MATERIALS FOR ELECTRICAL CONTROL PANEL:

SL.NO	ITEM	DESCRIPTION	QTY	MAKE
1.	MPCB	16-25A	01	SIEMENS
2.	MPCB	22-32A	01	SIEMENS
3.	MCB	6A, 1 POLE	07	SIEMENS
4.	MCB	6A, 3 POLE	01	SIEMENS
5.	Transformer	400/220,24V	01	STANDARD
6.	Rectifier bridge	230/24V	01	STANDARD
7.	Contactor	70A	01	SIEMENS
8.	Contactor	32A	01	SIEMENS
9.	Contactor	16A	01	SIEMENS
10.	Auxiliary contactors	10A ,4NC+4NC	06	SIEMENS
11.	Connectors	100A 4WAY,	01	STANDARD
		60A 3WAY,	01	STANDARD
		10A 10WAY	04	STANDARD
12.	Ferrules	0-9 (1sq.mm)	01	STANDARD
		0-9 (4sq.mm)	01	STANDARD
		0-9 (2sq.mm)	01	STANDARD
13.	Push buttons	OFF-RED	03	SIEMENS
		ON-GREEN	08	SIEMENS
		RESET- YELLOW	02	SIEMENS
14.	Emergency switch			
	Press to stop, turn to release		02	SIEMENS
15.	Selector switch	Two position ON/OFF	02	SIEMENS
16.	Auxiliary contacts	1NC+1NO	40	SIEMENS
		1NO	20	SIEMENS
		1NC	20	SIEMENS

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Item	Product	Description	Vendor product number	Delivery date/ performance period	Quantity
17	TIMERS	220V, 1NO+1NC	01	SIEMENS	
18	Limit switch (Honey well)	1NC+1NO	06	SIEMENS	
		1NC+2NO	04	SIEMENS	
		2NC	04	SIEMENS	
19	Panel box	Size (1200X250X600)mm	01	STANDARD	
20	Panel Indicator Lamps	RYB color, ON/ OFF	06	SIEMENS	
21	Switch (3-Way),	ON/OFF 60A ,	01	SIEMENS	
22	Forward/Reverse	(CENTRE OFF) 32A	01	SIEMENS	
23	Power cables,	Black, 6 sq mm, single core,	1 coils (100m)	Finolex	
24	Control cable,	Red, 1 sq mm, single core,	5 coils (500m)	Finolex	
25	Earth cable, yellow green,	2.5sq mm, single core,	1 coils (100m)	Finolex	
26	Cable laying track with channel cover		8m	Standard	
27	MCB mounting rail		2m	Standard	
28	Flexible Stainless steel metallic conduit with end connectors	Sizes: i) 3 inch	2m	Standard	
		ii) 2 inch	2m	Standard	
		iii) 1 inch	2m	Standard	
		iv) 0.5 inch	2m	Standard	
29	Cable tie	i) Small	1 pocket	Standard	
		ii) Big	1 pocket	Standard	
30	Insulation Tape		25	Standard	

Scope of Supply.

1. The electrical panel includes switchgear and other items as per above Bill of Materials with safety elements.
2. The firm should furnish the bill of materials along with make and specifications supplied in the package.
3. The firm should give three sets of electrical circuit diagram along with necessary documents.
4. The firm should quote as per above Bill of Materials .

NOTE: - FIRM HAS TO QUOTE UNIT PRICE OF ELECTRICAL CONTROL PANEL AGAINST BASIC PRICE

Basic Price	INR	
IGST - Integrated GST	%	
SGST - State GST	%	
UTGST	%	
CGST - Central GST	%	

2 CHARGES FOR
INSTALLATION AND
COMMISSION

2 JOB

Item long text:

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Item	Product Price Condition	Description	Vendor product number	Delivery date/ performance period	Quantity
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Charges for Installation & Commissioning of Electrical Panels on following machines at Machine Shop-1.

i.) FN3V Milling Machine, IED NO.168007, Eqpt No: MA042-0086, 1st bay

ii.) FN3V Milling Machine, IED NO.168009, Eqpt No: MA042-0107, 2nd bay

Scope of Work.

1. Work to be done at BEML, KGF.
2. Dismantling of electrical panel, from the existing machine.
3. Mounting of electrical panel with switch gear items, machine elements, motors.
4. Commissioning and interfacing of electrical panel with machine elements and motors with existing interlocks.
5. Routing of power cables and control cables as per present FN3H milling machine.
6. All cables should be coved with stainless steel flexible metallic conduit of suitable sizes with end connectors at both ends.
7. All wires should be marked with ferrules as per the electrical circuit diagram
8. The firm should provide the electrical cabin containing switchgear items like (contactors, MCB's, relays, timers and etc) as per the electrical circuit diagram with all safety interlocks working presently.
9. All wires at motor terminal should have terminal legs with suitable size ring type or pin type end terminals.
10. Firm should commission and interface its working at our site with satisfactory performance.
11. Firm shall follow all safety precautions while carrying out work at BEML. BEML is not responsible for any accidents / untoward incidents.
12. Firm shall not cause any damage to existing parts of the machine.
13. Quoted rate shall include all incidentals. BEML will not provide any accommodation, boarding/lodging, transport etc.
14. The firm should bring the necessary tools & Engineer/Technicians for commissioning and installation of new electrical panel.
15. WARRANTY: One year from the date satisfactory installation at BEML, KGF.

NOTE: - FIRM HAS TO QUOTE CHARGES PER JOB AGAINST BASIC PRICE

Basic Price	INR	
IGST -Integrated GST	%	
SGST - State GST	%	
UTGST	%	
CGST - Central GST	%	