



# VENUS ENGINEERS

Ref.: VER / QU / 2022 / DGBT 5T0704S15M

AN I.S.O 9001- 2015 CERTIFIED COMPANY

Date: Thursday, April 7, 2022

To : **M/s POLYPALS GLOBAL PRIVATE LIMITED**  
Address : Khasra no – 361/1, 361/2, 361/, village Bhogpur  
Dist. Haridwar, Uttarakhand - 247663  
  
Tel : +91 – 9003691646  
Email : [bhagwan75negi@gmail.com](mailto:bhagwan75negi@gmail.com)

Sub: OFFER FOR 5 TON CAPACITY DOUBLE GIRDER BOX TYPE EOT CRANE

Dear Sir,

We thank you very much for your above referred enquiry. As desired by you, we are pleased to submit our competitive offer, as given below for your kind perusal and consideration.

- |                   |   |           |
|-------------------|---|-----------|
| 1. ANNEXURE – I   | : <b>TECHNICAL SPECIFICATIONS – 5 T</b> | (2 pages) |
| 2. ANNEXURE - II  | : PRICE SCHEDULE                        | (1 page)  |
| 3. ANNEXURE - III | : COMMERCIAL TERMS & CONDITIONS         | (1 page)  |

We believe that you will find the above in order and would request you to favor us your valued orders shortly. Should you require any further clarifications on the above subject, please feel free to contact us.

Thanking you once again and assuring you of our best services at

all times. With kind regards,

Er. DIPIT MATTA –  
9810270866 Head – SALES &  
MARKETING

M/S VENUS ENGINEERS

Works : G – 232 – 233, RIICO Industrial area, Karoli, Dist. Alwar Rajasthan – 301707

Mob : 09810270866

E-mail : [enquiry@venusengineers.com](mailto:enquiry@venusengineers.com)

## BANK DETAILS

In case of finalization Please Deposit an Advance of in HDFC

Bank of A/C No 50200007089868 In favors of M/S Venus

Engineers Branch: sec 14 Gurgaon

RTGS / NEFT / IFSC CODE: HDFC0000090



## ANNEXURE – I

### SPECIFICATION OF 5 M.T. CAPACITY DOUBLE GIRDER BOX TYPE E.O.T. CRANE

SL NO	PARTICULAR	DETAILS
1	Crane capacity (SWL)	
	Main Hoist Capacity	5 Ton
2	Area of operation	Indoor
3	Class of duty	M7 & CLASS - III MEDIUM Duty
4	IS Code	IS - 3177(1999) & IS - 807
5	Bridge	Bridge construction will be of plate box type in Double girder design
6	Span	15 Mtr Approx.
7	Lifting height	9 Mtr Approx.
8	Bay Length	36 mtr
9	Col to Col Distance	9 mtr
10	Speeds	Through VVVF Drives in CT / LT MOTION – Make: Yashkawa / Schneider
a)	Main Hoist	3 mtr/ min
b)	Cross Travel	1.5 – 15 mtr/ min through vvvf drive
c)	Long Travel	1.5 – 15 mtr/ min through vvvf drive
11	Motors	
	Type of Motor	All motors are special crane duty s4 duty designed foot/flange mount 3 phase 50 hz 415 V, 45° c ambient temperature, IP 55 Protection as per Is 325/ Is 1231/ Is 6362
a)	Main Hoist	5 HP
b)	Cross Travel	1 Hp
c)	Long Travel	1 HP x 2 No {Both Side}
d)	Make	CROMPTON / MARATHON / BBL
12	Brakes	
a)	Main Hoist	DC Disc Type
b)	Cross Travel	DC Disc Type
c)	Long Travel	DC Disc Type – 2nos
d)	Make	MAGTECH
13	Wire Rope	Plough steel wires (as per IS-1835) rope with well lubricated fiber core of 6x36 construction. Rope shall conform to IS 2266. (breaking load 1960 n/mm <sup>2</sup> )
	Size of Wire Rope	
a)	Main Hoist	Ø 10 mm
	No. of falls	
b)	Main Hoist	4 falls
	Make	USHA MARTIN / MAHADEV
14	Hook	Drop forged 'C' swiveling type hook supported on thrust bearing as Per IS:3815 shall be provided.
	Type of Hook	C-Type
a)	Main Hoist	5 Ton- 1 no.
	Make	NEHA INTERNATIONAL / MK FORGE
15	Wheels	



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		Double flanged forged steel wheels with antifriction bearings with 'L' Type Plummer blocks/Open Reduction type will be provided. The wheels will be of EN 9 forged material.
a)	Long Travel Diameter	Dia -200 mm – 4 no's
b)	Cross Travel Diameter	Dia – 160 mm – 4 no's
16	<b>Gear Boxes</b>	
	Type of Gear Boxes	All helical profile hardened Grounded Gears, Noiseless, contains synthetic oil, self-lubricated lifetime with no maintenance
	<b>Make</b>	<b>PBL – POWER BUILT LIMITED   I.C. BAUER – GERMANY</b>
a)	Main Hoist	F SERIES
b)	Cross Travel	F SERIES
c)	Long Travel	F SERIES – 2 no's
17	<b>Rope Drum</b>	Rope drum shall be of mild steel fabrication from seamless Rope drum shall be of mild steel fabrication from seamless
18	<b>Limit switches</b>	
a)	Main Hoist	Rotary Type / Snap action type
b)	Cross Travel	Two - Way lever type
c)	Long Travel	Two - Way lever type
d)	<b>Make</b>	<b>Crane control</b>
19	<b>Coupling</b>	Flexible geared coupling, cross travel and long travel Transmissions flexible geared coupling on floating shaft principle will be provided.
20	<b>Maintenance Platform</b>	<b>One Full length</b> anti-skid steel platforms with hand railing will be Provided on the one side of the crane. & Two Short length platform on the other side
21	<b>Buffers</b>	Rubber buffers will be provided on the end carriages for cross travel& long travel
22	<b>Control Panel</b>	Controls are mechanically and electrically interlocked to prevent inadvertent operation of opposite Motions and are all housed in an IP 54dust and damp-proof enclosure. A low voltage control system of 110 Volts. Minimizes electrical hazards for the operator.
23	<b>Operation</b>	Through pendant push button
25	<b>Power</b>	AC, 415V, 3 Phase, 50 Hz.
26	<b>Control Voltage</b>	110V. AC
27	<b>Painting</b>	All parts will be thoroughly cleaned and two coat of red oxide paint and two coats of synthetic paint with Auto-finish technology will be used.
28	<b>Color</b>	Golden yellow
29	<b>Make</b>	Indokote
30	<b>Load Testing</b>	Crane will be tested at 125% safe working load at our works.
31	<b>Crane Weight</b>	N/a
32	<b>MANUALS</b>	Electrical circuit diagram and spare part list with complete specs and maintenance manual, would be provided at the type of crane handover



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## Makes:

- |                 |   |   |
|-----------------|---|---|
| 1. MOTOR        | - | CROMPTON / MARATHON / BBL                         |
| 2. GEAR BOX     | - | P.B.L {POWER BUILT LIMITED}   I.C BAUER – GERMANY |
| 3. BRAKES       | - | MAGTECH   |
| 4. WIRE ROPE    | - | USHA MARTIN / MAHADEV                             |
| 5. LIMIT SWITCH | - | CRANE CONTROL                                     |

## NOTE:

- 1) The product is tested at 125% safe working load as per IS: 3938.
- 2) Gantry girders + square bar for crane movement will be in your scope
- 3) Any civil work on your account.
- 4) Payment terms & delivery as confirmed in the Annexure III
- 5) Freight & Taxes Are in Your Scope
- 6) Installation as mentioned extra actual
- 7) Fooding, lodging & local transport of our erection team will be arranged by you
- 8) Hydra crane for Material unloading & Installation will be in your scope
- 9) Load test will be done at site subject to calibrated test loads
- 10) Slings, Cradles & dead loads for Load Test will be arranged by you at site {i.e. in Clients scope}
- 11) Material Unloading at your works after dispatch will be in your scope

Er. DIPIT MATTA– 9810270866

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**ANNEXURE – II****PRICE SCHEDULE**

S. No.	PARTICULAR DETAILS	QTY	UNIT PRICE / EACH {In Rupees}	TOTAL {In Rupees}
1.	Price for the 5 Ton EOT Crane Span 15 mtr, Lift – 9 Mtr With VVVF Drives in CT / LT motion	1	Rs. 14, 10, 000 / -	Rs. 14, 10, 000 / -
2.	Price for the L.T DSL BUS BAR 100 AMP - 3 BAR {R.Y.B.} With current collectors	36 mtr	@ Rs. 1, 300 / Mtr	Rs. 46, 800 / -
3.	Price for the Installation of EOT crane in Haridwar U.K.	1	Rs. 50, 000 / -	Rs. 50, 000 / -
4.	price for the LT SQ. BAR size 50 x 50 mm sq bar @ Rs. 2400 / mtr with installation	72 mtr	Rs. 1, 72, 800 / -	Rs. 1, 72, 800 / -
4.	Freight	Up to destination		Extra as actual
5.	TOTAL AMOUNT PAYABLE		Rs. 16, 79, 600 / -	
			{Rupees <u>Sixteen</u> lakh seventy nine thousand six hundred only}	

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**ANNEXURE – III**

**COMMERCIAL TERMS & CONDITIONS**

**PRICES** : Ex-our Works Karoli - Rajasthan

**FREIGHT** : Extra as actual

**G.S.T** : 18%

**PAYMENT** : 50% As Advance + confirm P.O.  
50% payment against our Performa Invoice before dispatch

**FIRST FILL** : First fill of lubricants like oil; grease etc. in crane will be in our scope, thereafter it will be in client's scope

**DELIVERY** : Within 45 to 60 working days' time from the date of receipt of your technically / commercially Purchase order with advance and 1 - 2 weeks' time there after for Erection & Commissioning

**WARRANTY** : We guarantee our equipment against any manufacturing defects for a period of 12months from the date of commissioning or from the date of supply, whichever is earlier. Our Guarantee VOIDS if the balance payments are not made in time as per the Purchase Order.

**SCOPE OF WORK:** Our scope of work is limited to what has been specifically included in our offer. Any other additional requirement to be incorporated shall be extra to your account.

**INSPECTION** : Pre-dispatch visual inspection at our Works can be done by you or your authorized agency by a prior appointment at your own cost. Load test shall be done at your Works and required load shall be arranged by you.

**VALIDITY** : Our offer is valid for 07 days only.

**ARBITRATION** : All Disputes arising out of an order/ contract against this quotation are subject to Alwar {Rajasthan} Jurisdiction only, this offer is subject to force majeure conditions & Unforeseen delay, which is beyond supplier's control

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