

1305
Capital Repeat order



MAILED
11/02/23

Jindal Aluminium Limited

Jindal Aluminium Limited

GST NO : 08AAACJ4324M1ZH
PAN : AAACJ4324M
CIN : U27203KA1970PLC002806

SP-2/333, RIICO Industrial Area,
Bhiwadi-301019 (Dist : Alwar)
Registered Jindal Nagar, Tumkur Road,
Office: Bengaluru - 560073
+91-80-23715555
Direct +91-9611195368
purchase.bhiwadi@jindalaluminium.com
www.jindalaluminium.com

PURCHASE ORDER

VENDOR	CODE : S5614	ORDER NO.	PO230101327	DATE : 27/01/2023
SSENENGINEERING NTA PRIVATE LIMITED H1-818-19 RIICO INDUSTRIAL AREA CHOPANKI BHIWADI BHIWADI 301019 Ph.No : 7734054280 FAX:		ENQUIRY NO.	EN221202880	DATE : 26-DEC-22
		QUOTATION NO.	N.A.	DATE : 22-JAN-23

SR	ITEM CODE	DESCRIPTION	QTY	UNIT	RATE (IN INR)	AMOUNT (IN INR)
1	08090201	DI220902399 - 21-DEC-22 DESIGN,FABRICATION, SUPPLY,ERECTION AND COMMISSIONING OF 3 TON CAPECITY ELECTRIC OPERATED CRANE WITH REMOTE CONTROL/DOUBLE GIRDER; SPAN : 25.948 MTR, HEIGHT OF LIFT - 11MTR, LONG TRAVEL - 84 MTR; CRANE RAIL TRACK AND SHROUDED TYPE BUS BAR WILL BE IN PARTY SCOPE., SGST @ 9%, CGST @ 9%	2.00	NOS	2345000.00	4690000.00

*21,50,000/-
As we had given so many orders to them
12 MONTH WARRANTY
6/9/23*

SIGNED COPY OF ORIGINAL INVOICE (ORIGINAL FOR BUYER) MUST BE SENT ALONG WITH MATERIAL, FAILING WHICH ATTRACT IN DELAY FOR RELEASING THE PAYMENT

PACKING INSTRUCTION	STANDARD	P & F N.A.
DELIVERY SCHEDULE	03-Mar-23	<i>Accepted</i>
DESPATCH THROUGH	FOR - OUR WORKS AT BHIWADI by Road	<i>Aswini Singh</i>
PAYMENT TERMS	30% ADVANCE AGASINST ABG VALID FOR 75 DAYS 60% WITH 100% GST AFTER RECEIPT WITH IN 7 DAYS 10% AFTER ERECTION AGASINST PBG VALID FOR ONE YEAR FROM THE DATE OF ERECTION.	<i>6/9/23 SSENENGINEERING</i>

REMARKS WARRANTY 12 MONTH FROM THE DATE OF COMMISSIONING OR 18 MONTH FROM THE DATE OF SUPPLY. (3 RD PARTY LOAD TEST WILL BE DONE BY PARTY AND CERTIFICATE WILL BE PROVIDED BY PARTY . I.T RAIL INSTALLATION INCLUDED AS ABOVE . ALL TEST CERTIFICATES / MTC/ WARRANTY CERTIFICATES WILL BE PROVIDED BY PARTY .) - *Technical specifications as per attached annexure.*

- 1) Please enclose e-way bill with invoice / dispatch documents.
- 2) Tax/penalty raised by commercial tax authority due to non-issuance of an e-way bill will be supplier's liability.
- 3) Please mention our GST No. in all documents.
- 4) The order should be acknowledged within 2 days of the ordered date any non-conformance may result in revoking/cancellation of purchase order.
- 5) Please mention the amount of applicable GST (SGST, CGST, IGST) seperately in invoice.
- 6) Warranty / guarantee / test certificate to be sent along with invoice wherever applicable.
- 7) Please refer other terms & conditions in enclosed annexure.
- 8) Our Bankers : HDFC BANK LTD.Salco Centre, Richmond Road- Bangalore
A/C No. 57500000343426 IFSC Code : HDFC0000523
- 9) Despatch by Lorry / to our works, BHIWADI.

For Jindal Aluminium Ltd.

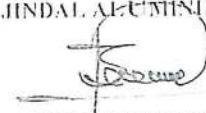
Authorised Signatory

ANNEXURE TO ORDER NO. PO23010127 DT - 27.01.2023

1	Type of crane	:	D/G EOT CRANE.
2	Class of duty	:	Class-II (M5), as per IS 3177, 807, 800.
3	Capacity MH	:	3 T
4	Qty. required	:	1 No.
5	Operating Environment	:	Indoor
6	Span	:	25.948 m
7	Height of Lift:	:	11 m
8	Crane Control	:	Through Pendant Push Button Station from Ground level and Radio Remote Control, 10 Motion, SNTMake
9	SPEED*	:	
a.	Main Hoist	:	0.8-8.0 MPM (Through VVVF)
b.	Cross Travel	:	3.0-30.0 MPM (Through VVVF)
c.	Long travel	:	5.0-50.0 MPM (Through VVVF)
10	MOTOR**	:	
a.	Main Hoist (KW/Pole/Type)	:	7.5 KW/6P/ Sq. Cage, 40% CDF, 150 Starts/hr.
b.	Cross Travel (KW/Pole/Type)	:	0.75 KW/4P/ Sq. Cage, 40% CDF, 150 Starts/hr.
c.	Long travel (KW/Pole/Type)	:	2 X 2.2 KW/4P/ Sq. Cage, 40% CDF, 150 Starts/hr.
d.	Make	:	BBL / Marathon/ ABB
	NOTE 1	:	All Motors are Crane Duty Motors, Class F Insulation, Temp rise limited to Class B.
11	WIRE ROPE	:	
a.	No of Falls/Dia.	:	Main Hoist: 4/10 mm.
b.	Factor of Safety	:	As Per IS 3177:1999.
c.	Type of core/construction	:	Fibre Core/ 6X36
d.	Tensile Strength	:	180 kg / mm sq.
e.	IS specification	:	IS 2266.
f.	Make	:	USHA MARTIN.
12	GEAR BOX	:	
a.	Type of gear box	:	Totally enclosed helical gear box
b.	Material of Body	:	CI Grade -FG-200, IS-210/Fabricated from MS plate as per IS 2062-Gr. A/B.
c.	Material of gear & Pinion	:	20MnCr5/16MnCr5/SAE8620/Equivalent
d.	Type of Lubrication	:	Oil Splash Lubrication.
13	ROPE DRUM	:	Seamless Pipe as per ASTM A106.
14	BRAKES	:	MH-All EHT Brakes CT & LT- All EMDC Disc Brake
	Make	:	EHT-CCE/SOC/SPEEDAGE/SOC/KATTEL, EMDC- BBL/EMCO/CGL/UNITORQUE
15	LIMIT SWITCH	:	
a.	Main Hoist	:	Geared Rotary type & Gravity type.
b.	Cross Travel	:	Two-way lever type.
c.	Long Travel	:	Two-way lever type.
d.	Make	:	Crane Control / Multitech

CRANE CONTROL		:	
a.	Protective Panel	:	Consisting of MCCB, MCB Main line contactor. Step down transformer, Single Phase Preventer.
b.	Drive Panel	:	Consisting of Contactor, MCB, Overload Relays.
c.	Make	:	L&T/Siemens/Schneider.
17	CABLES	:	Multi Core, PVC Sheathed flexible type.
a.	Make	:	LAPP Make
18	CURRENT COLLECTION	:	
a.	Cross Travel	:	Through drag chain movement - Igus Make
b.	Long travel	:	Through Pendant Push Button Station from Ground level and Radio Remote Control, 10 Motion, SNTMake
19	POWER SUPPLY	:	415V, +/-10%, 3 phase, 50 Hz.
20	CONTROL VOLTAGE	:	110V AC, 1phase, 50Hz.
21	COUPLING	:	Flexible geared coupling.
22	WHEELS	:	
a.	Type	:	Double flanged straight tread type.
b.	Material	:	Forging EN-8/9
c.	Type of bearings	:	Antifriction Ball / Taper roller
d.	LT Wheel Dia./ qty.	:	Dia 200 / 4
e.	CT Wheel Dia./ qty.	:	Dia 160 / 4
23	HOOKS	:	
a.	Type	:	Main Hoist: - 'C' type as per IS 15560.
b.	Swiveling	:	Main Hoist: 4/10 mm.
c.	Make	:	Smiriti Forging.
24	BEARING	:	Antifriction Ball / Taper roller & Spherical roller etc.
a.	Make	:	SKF / FAG / NBC / NTN
25	PLATFORM	:	
a.	Type	:	Steel Chequered plate with toe guard and two-tier hands railing on drive side full length platform shall be provided.
26	BUFFER	:	Rubber Buffer shall be provided for L.T & C.T.
27	L.T RAIL (Recommended)	:	50X50 SQ. BAR - JAL Scope (Installation charges included in crane price)
28	PAINTING	:	The cranes shall be painted with two coats of zinc chromate primer followed by two coats of golden yellow synthetic enamel paint. / As per client's specification.

FOR : JINDAL ALUMINIUM LTD.,


AUTHORIZED SIGNATORY

Page 2/2

SNS ENGINEERING NTA PRIVATE LIMITED

HI-818-19, RHCO INDUSTRIAL AREA CHOPANKI,
BHAWADI - 301019, Alwar (Rajasthan).

E-MAIL:- sns@snsengg.com, snsengg@yahoo.com

Web:- www.snsengg.com, +917734054280



OFFER NO. : SNS/22-23/QTN-64/Dec
Kind Attn. : Mr. Rupesh Ji
M/S - Jindal Aluminium

DATE: 27 DEC. 2022

Annexure - I

TECHNICAL SPECIFICATION FOR D/G EOT CRANE CAP-3 T SPAN-25.948 m

1	Type of crane	: D/G EOT CRANE. ✓
2	Class of duty	: Class-II (M5), as per IS 3177, 807, 800.
3	Capacity MH	: 3 T ✓
4	Qty. required	: 1 No.
5	Operating Environment	: Indoor
6	Span	: 25.948 m ✓
7	Height of Lift	: 11 m ✓
8	Crane Control	: Through Pendant Push Button Station from Ground level.
9	SPEED*	: RRC 10 motor SNT make ✓
a.	Main Hoist	: 0.8-8.0 MPM (Through VVFD) ✓
b.	Cross Travel	: 3.0-30.0 MPM (Through VVFD) ✓
c.	Long travel	: 5.0-50.0 MPM (Through VVFD) ✓
10	MOTOR**	: 7.5 KW
a.	Main Hoist (KW/Pole/Type)	: 5.5 KW/6P/ Sq. Cage, 40% CDF, 150 Starts/hr.
b.	Cross Travel (KW/Pole/Type)	: 0.55 KW/4P/ Sq. Cage, 40% CDF, 150 Starts/hr.
c.	Long travel (KW/Pole/Type)	: 2 X 1.5 KW/4P/ Sq. Cage, 40% CDF, 150 Starts/hr.
d.	Make	: BBL / Crompton / Marathon / ABB/NORD/SEW/ICB/ROTOMOTIVE/BONFIGLIOLI etc ✓
	NOTE 1	: All Motors are Crane Duty Motors, Class F Insulation, Temp rise limited to Class B. ✓
11	WIRE ROPE	
a.	No of Falls/Dia.	: Main Hoist: 4/9-mm. 10 mm ✓
b.	Factor of Safety	: As Per IS 3177:1999 ✓
c.	Type of core/construction	: Fibre Core/ 6X36 ✓
d.	Tensile Strength	: 180 kg / mm sq. ✓
e.	IS specification	: IS 2266.
f.	Make	: USHA MARTIN. ✓
12	GEAR BOX	
a.	Type of gear box	: Totally enclosed helical gear box ✓
b.	Material of Body	: CI Grade -FG-200, IS-210/Fabricated from MS plate as per IS 2062 Gr. A/B. ✓
c.	Material of gear & Pinion	: 20MnCr5/16MnCr5/SAE8620/Equivalent ✓
d.	Type of Lubrication	: Oil Splash Lubrication. ✓
13	ROPE DRUM	: Seamless Pipe as per ASTM A106. ✓
14	BRAKES	
	Make	: MH-All EHT Brakes CT & LT- All EMDC Disc Brake ✓ EHT-CCF/SOC/SPEEDAGE/SOC/KATEEL EMDC- BBL/EMCO/CGL/UNITORQUE ✓
15	LIMIT SWITCH	
a.	Main Hoist	: Geared Rotary type & Gravity type.
b.	Cross Travel	: Two-way lever type.
c.	Long Travel	: Two-way lever type.
d.	Make	: Crane Control / Multitech

SNSENGINEERING NTA PRIVATE LIMITED

III-813-19, RICO INDUSTRIAL AREA CHOPANKI,

BHIWADI - 301019, Alwar (Rajasthan),

E.MAIL:- sns@snsengg.com, snsengg@yahoo.com

Web:- www.snsengg.com, +917734054280



OFFER NO. - SNS/22-23/QTN-64/Dec
 Kind Attn. - Mr. Rupesh Ji
 M/S - Jindal Aluminium

DATE: 27 DEC. 2022

16	CRANE CONTROLS	
a.	Protective Panel	: Consisting of MCCB, MCB Main line contactor, Step down transformer, Single Phase Preventer.
b.	Drive Panel	: Consisting of Contactor, MCB, Overload Relays.
c.	Make	: L&T/Siemens/Schneider.
17	CABLES	
a.	Make	: Multi Core, PVC Sheathed flexible type.
18	CURRENT COLLECTION	: LAPP/OFFLEX/KEIPLOYCAB/Unique- (Capp only)
a.	Cross Travel	: Through festoon trailing cable on 4 wheeled trolleys running on C-Track. Dog chain provided.
b.	Long travel	: Through DSL (Client Scope) → Jindal scope Rigus make.
19	POWER SUPPLY	: 415V, +/-10%, 3 phase, 50 Hz.
20	CONTROL VOLTAGE	: 110V AC, 1phase, 50Hz.
21	COUPLING	: Flexible geared coupling.
22	WHEELS	
a.	Type	: Double flanged straight tread type.
b.	Material	: Forging EN-8/9.
c.	Type of bearings	: Antifriction Ball/roller.
d.	LT Wheel Dia./ qty.	Ø 200 / 4
e.	CT Wheel Dia./ qty.	Ø 160 / 4
23	HOOKS	
a.	Type	: Main Hoist: - 'C' type as per IS 15560.
b.	Swiveling	: On thrust bearing.
c.	Make	: Smriti Forging
24	BEARING	: Antifriction Ball / Taper roller & Spherical roller etc.
a.	Make	: SKF/FAG/NBC/NTN
25	PLATFORM	
a.	Type	: Steel Chequered plate with toe guard and two-tier hands railing on drive side full length platform shall be provided.
26	BUFFER	: Rubber Buffer shall be provided for L.T & C.T.
27	L.T RAIL (Recommended)	: 50X50 SQ. BAR (Client's Scope).
28	PAINTING	: The cranes shall be painted with two coats of zinc chromate primer followed by two coats of golden yellow synthetic enamel paint. / As per client's specification.
29	CRANE WEIGHT	: 15 T (Approximate)
30	LT MAX WHEEL LOAD (Without impact)	: 5.6 T (Approximate)

* SPEEDS OF MH, CT< ARE SUBJECTED TO ±10 % VARIATION AFTER DETAILED ENGINEERING.
 ** ACTUAL KW MAY VARY SUBJECTED TO FINAL CALCULATIONS.

SNSENGINEERING NTA PRIVATE LIMITED

b1-818-19, RICO INDUSTRIAL AREA CHOPANKI,

BHIWADI - 301019, Alwar (Rajasthan),

E.MAIL:- sns@snsengg.com, snsengg@yahoo.com

Web:- www.snsengg.com, +917734054280



OFFER NO. - SNS/22-23/QTN-64/Dec
 Kind Attn. - Mr. Rupesh Ji
 M/S - Jindal Aluminium

DATE: 27 DEC. 2022

Sr. No	DESCRIPTIONS	UOM	QTY	UNIT PRICE (RS.)	TOTAL AMOUNTS (RS.)
1	BASIC COST OF DESIGN, MANUFACTURING, SUPPLY OF D/G EOT CRANE CAPACITY - 3T, SPAN - 25.948M AND HEIGHT OF LIFT - 11 m CLASS-II	NO.	1	26,30,000.00	26,30,000.00 (Rs. Twenty Six Lacs Thirty Thousand Only)
2	ERECTION & COMMISSIONING CRANE	Crane	1	60,000	60,000.00
3	Freight:	Crane	1	EXTRA	AS PER ACTUAL
4	50 X 50 Sq Baar Installation (Sq Baar in Client Scope)	MTR	84	450	37800 for include of last part

DISCUSSED WITH Mr. Navneet Sarawat 23/12/22

ANNEXURE - III TERMS & CONDITIONS

- Prices**
 - The above prices are on Ex - Works, Bhiwadi FOR JOL BND
- Offer Validity**
 - 10 days *Final offer. Charges included in above price.*
- Warranty**
 - 12 Months from the date of commissioning or 18 Months from the date of supply
- Taxes & Duties**
 - All taxes and duties shall be charged extra as applicable at the time of dispatch. However, the current GST is @18.00%.
- Freight**
 - Freight Extra AS PER ACTUAL. *Included and unloading of*
- Delivery**
 - 60-68 Weeks from the date of approval of GA-Drawing. *60-68 weeks are also included in above price.*
- Payment Terms**
 - 50% advance along with Purchase order
 - Balance 40% before dispatch + 10% After-Dispatch. *As below*
- Other**
 - First fill of Gear box & Thruster oil shall be provided by you.
 - Unloading of material at your site in your scope. *Included.*
 - Civil work involves if any shall be in your scope. *not all*
 - Dead Load For Load Test at your site under the crane in your scope. *3rd party inspection will be assigned by party and certificate will be provided by party.*
 - LT work installation is included in above price. *EST / PF JOL etc.*

DISCUSSED WITH Mr. Navneet Sarawat 23/12/22

Navneet Sarawat

Director Sales & Marketing

Mob: +917734054280

30% advance against submission of drawings valid for 70 days from the date of submission.
 60% with 100% test within 7 days from the date of receipt of leave.
 10% After successful commissioning subject to submission of PDS valid for 90 days from the date of commissioning.

A. ANNEXURE - I

A1. TECHNICAL SPECIFICATION FOR 3 MT, 25.948 MTR. SPAN DG EOT CRANE

1.	Type of Crane	DOUBLE GIRDER EOT CRANE
2.	Class of duty	Class II (M5) as per IS : 3177, 807, 800
3.	Capacity	3 MT ✓
4.	Qty required	2 Nos. ✓
5.	Operating Environment	Indoor, Ambient Temperature 50°C
6.	Span	25.948 Mtr. ✓
7.	Height of Lift	
	MH	11.0 Mtr. ✓
8.	Crane Control	Through Independent Pendant Push Button & RRC — SNT MAKE
9.	SPEED	10 MOTION
a.	Main Hoist	0.80 – 8.0 MPM Through VVFD ✓
b.	Cross Travel	3.0 – 30.0 MPM Through VVFD ✓
c.	Long Travel	4.5 – 45.0 MPM Through VVFD ✓
10.	MOTOR	
a.	Main Hoist	7.5 Kw Sq. Cage Motor
b.	Cross Travel	0.75 Kw Sq. Cage (Geared Motor)
c.	Long Travel	2 x 2.2 Kw Sq. Cage (Geared Motor) ✓
d.	Make	Marathon/ BBL/Crompton/SEW-etc. All motors are TEFC 40% CDF, 150 starts/hr., Crane duty, class F Insulation.
11.	WIRE ROPE	
a.	No of Falls/Dia	
	MH	4/10 mm ✓
b.	Type of Construction	FMC/Steel Core 6 x 36 / 180 Kg/sq. mm
	IS Specification	IS 2266 ✓
c.	Make	USHA MARTIN ✓
12.	GEAR BOX	
a.	Type of Gear Box	Helical Gear Box ✓
b.	Material of Body	C1 Grade-FG-20, IS-210 ✓
c.	Material of Gears & Pinion	20 MnCr5, SAE-8620, EN9/18/24 ✓
d.	Type of Lubrication	Oil Splash Lubrication ✓

13.	ROPE DRUM	Seamless Pipe as per ASTM A106
14.	BRAKES	MH- EHT BRAKE CT & LT - EM DISC TYPE
15.	LIMIT SWITCH	
a.	Main Hoist	Rotary type
b.	Cross Travel/Long travel	Two Way Lever Type
c.	Make	Speed O Control/CCE
16.	CRANE CONTROLS	
a.	Protective Panel	Consisting MCCB, MCB Main line contactor, Step down transformer, Single Phase Preventer.
b.	Drive Panel	Consisting Contactor, MCB, Overload Relays.
c.	Make	L&T/Siemens/Schneider.
17.	CABLES	Multi Core, PVC Sheathed flexible type
a.	Make	Finolex/KEI/Heatflex/Powerage Any ISI Mark - KEI / KEI / Polysca
18.	CURRENT COLLECTION	
a.	Cross Travel	THROUGH DRAG CHAIN MACHANISM - KEI / KEI / Polysca
b.	Long Travel	Through Shrouded Bus Bar DSI
19.	Power Supply	415V, +/-10%, 3 phase, 50 Hz
20.	Control Voltage	110V AC, 1phase, 50Hz
21.	WHEELS	
a.	Type	LT Double flanged straight tread, CT Double flange type
b.	Material	EN 8/9
c.	Type of bearings	Antifriction Ball/Roller
23.	HOOKS	
a.	Type in MH	C Type Hook
b.	Swivelling	On Thrust Bearing
c.	Make	Smriti Forging
24.	Bearing	Antifriction Ball/Roller
25.	PLATFORM	
26.	Buffer	Rubber Buffer shall be provided for LT
27.	PLATFORM	

A. COMMERCIAL TERMS
B. Product Pricing

Des.	Brief Specification	Quantity		Supply Price in INR	
		Nos	Unit	Unit	Total
A1	3 MT X 25.948 Mtr. Span D/G EOT Crane	2	EACH	23,80,000	47,60,000
A2	Supply of Shrouded Bus Bar type DSL	84	EACH	1500	1,26,000
			MTR.		

ERECTION & COMMISSIONING

Des.	Brief Specification	Quantity		Supply Price in INR	
		Nos	Unit	Unit	Total
A1	3 MT X 25.948 Mtr. Span D/G EOT Crane	1	EACH	50,000	50,000
A2	DSL Installation <i>Roof Installation</i>	84	EACH	500 <i>450</i>	42,000 <i>37,800</i>
			MTR		

NOTES:-

- All the civil work including foundation for LT Rails shall be in client scope.
- LT End Stopper is in client scope.
- First Fill of oil shall be in Client scope.
- Mobile Crane, Gus Cutter, Welding set required for erection shall be in Client scope.
- Please refer to the customer responsibility clause below to understand the scope of work.
- Transportation charges extra at actual.

→ *COZANE - Undercity*

2% extra

Freight

Rs. 24,67,800/-
Rs. 25,000/-
Rs. 24,92,800/-
Rs. 24,92,000/-

All ex-works prices quoted are exclusive of taxes, insurance, octroi and transportation, and are payable at actual at rates ruling at the time of delivery. GST @ 18% applicable on supplies, services, transportation charges extra at actuals.

→ *Price Basis!*
→ *GST: 18% Extra*

SUPPLY PORTION

30% of supply value as advance along with confirmed order
70% of supply value with 100% taxes & duties against Proforma Invoice before dispatch

→ *Delivery: 4 to 5 weeks from the date of order*

ERECTION PORTION

100% of erection value after erection and commissioning at site.

→ *Payment: 90% + 10% GST within 7 days from the date of receipt of crane.*

SUPPLY PORTION EXWORKS Gayatri Construction Machinery.

4-5 weeks after approval of GA Drawings and receipt of advance, whichever is later.

10% after successful commission Subject to submission of PB & valid for one year from the date of commissioning.

ERECTION PORTION

30 days after receipt of material at site, subject to site readiness and other factors outside the influence of the manufacturer.

→ *Warranty: 12 months from the date of commissioning.*

Dr. ...
24/12/22

→ *3rd party load test will be done by 3rd party and certified will be provided. Load test of one site.*



CONCISE INDUSTRIES PVT.LTD.



AN ISO 9001 COMPANY

Plot No. F-224, RIICO Industrial Area, Karoli, Distt. Alwar(Raj.)-301707

Email: sales@concisecrane.com , info@concisecrane.com

Website: www.concisecrane.com , Mob -9953063715 / 9891973553

Ref No – CIPL/23-24/0396

Date – 01/07/2023

Customer Name – ASST. MANAGER PURCHASE

Company Name – JINDAL ALUMINIUM LIMITED,
Bhiwadi division,

Contact No – 9611195368

Email – purchase.bhiwadi@jindalaluminium.com

Subject – Offer for D/G EOT Crane Capacity 3 Ton.

Dear Sir

With reference as per our discussion held with you as per your requirement of above-mentioned subject.

As desired by you we are pleased to quote our best offer along with the technical specifications, prices and general terms and conditions for your kind consideration.

We hope you will find our offer in line with your requirement and oblige us with our valued order at the earliest.

Annexure – 1 Technical Specification of 3 Ton D/G EOT Crane

Annexure – 2 Price Schedule and Term & Condition

Thanking You,
Concise Industries (P) Ltd

Authorized Signatory

For Further any clarification please Feel Free to Call Mr. Dharmbeer Singh (9953063715) / Mrs. Rita (8306994163)

Mfg -

Double Girder Box Type Eot Crane ,Single Girder Box Type Eot Crane, Goliath Crane, Gantry Crane, Eot Crane, Jib Crane , Electric Hoist Machine.

Annexure - I**TECHNICAL SPECIFICATION FOR D/G EOT CRANE CAP-3.0 T SPAN 25.95 m**

1	Type of crane	:	D/G EOT CRANE.
2	Class of duty	:	Class-II (M5), as per IS 3177, 807, 800,3938
3	Capacity MH	:	3.0 Ton
4	Qty. required	:	1 No.
5	Operating Environment	:	Indoor
6	Span	:	25.95 m
7	Height of Lift:	:	11.0 m
8	Crane Control	:	Through Pendent push button station suspended from Hoist & Radio Remote – SNT Make
9	SPEED*	:	
a.	Main Hoist	:	0.6 - 6.0 mpm (Through VVFD)
b.	Cross Travel	:	2.5 - 25 mpm (Through VVFD)
c.	Long travel	:	3.5 - 35 mpm (Through VVFD)
10	MOTOR**	:	
a.	Main Hoist (KW/Pole/Type)	:	3.7 KW/4P/ Sq. Cage, 40% CDF,150 Starts/hr.
b.	Cross Travel (KW/Pole/Type)	:	0.55 KW/4P/Sq. Cage Geared Brake Motor, 40% CDF,150 Starts/hr.
c.	Long travel (KW/Pole/Type)	:	2 X 0.55 KW/6P/Sq. Cage Geared Brake Motor, 40% CDF, 150 Starts/hr.
d.	Make	:	BBL / Crompton /NORD/SEW/ BONFIGLIOLI etc
	NOTE 1	:	All Motors are Crane Duty Motors, Class H Insulation, Temp rise limited to Class F.
11	WIRE ROPE	:	
a.	No of Falls/Dia.	:	Main Hoist: 4/8 mm.
b.	Factor of Safety	:	As Per IS 3177/3938
c.	Type of core/construction	:	STEEL / 6X36
d.	Tensile Strength	:	180 kg / mm sq.
e.	IS specification	:	IS 2266.
f.	Make	:	USHA MARTIN.
12	GEAR BOX	:	
a.	Type of gear box	:	Totally enclosed helical gear box
b.	Material of Body	:	CI Grade –FG-200, IS-210/Fabricated from MS plate as per IS 2062 Gr. A/B.
c.	Material of gear & Pinion	:	20MnCr5/16MnCr5/SAE8620/Equivalent
d.	Type of Lubrication	:	Oil Splash Lubrication.
13	ROPE DRUM	:	Seamless Pipe as per ASTM A106.
14	BRAKES	:	MH – EHT - Kateel.
	Make	:	DC Disc: - Nord / SEW / Bonfiglioli / Emco / Unitorque
15	LIMIT SWITCH	:	
a.	Main Hoist	:	Rotary Type

Mfg -

Double Girder Box Type Eot Crane ,Single Girder Box Type Eot Crane, Goliath Crane, Gantry Crane, Eot Crane, Jib Crane , Electric Hoist Machine.

b.	Cross Travel	:	Two-way lever type.
c.	Long Travel	:	Two-way lever type.
d.	Make	:	Giovenzana - Italy
16	CRANE CONTROLS	:	
a.	Protective Panel	:	Consisting of MCCB, MCB Main line contactor, Step down transformer, Single Phase Preventer.
b.	Drive Panel	:	Consisting of Contactor, MCB, Overload Relays.
c.	Make	:	L&T/Siemens/Schneider.
d.	Hooter	:	We will provide hooter & Revolving light for safety alert in shop floor
17	CABLES	:	Multi Core, PVC Sheathed flexible type.
a.	Make	:	LAPP/OFLEX/KEI/PLOYCAB
18	CURRENT COLLECTION	:	
a.	Cross Travel	:	Through Drag Chain – IGUS/BLS
b.	Long travel	:	Through Shrouded Type DSL 100 Amp GI Cond.
19	POWER SUPPLY	:	415V, +/-10%, 3 phase, 50 Hz.
20	CONTROL VOLTAGE	:	110V AC, 1phase, 50Hz.
21	COUPLING	:	Flexible geared coupling.
22	WHEELS	:	
a.	Type	:	LT & CT Double flanged straight tread type.
b.	Material	:	Forging EN-8/9.
c.	Type of bearings	:	Antifriction Ball/roller.
d.	LT Wheel Dia./ qty.	:	Ø 160 / 4
e.	CT Wheel Dia./ qty.	:	Ø 160 / 4
23	HOOKS	:	
a.	Type	:	Main Hoist: - 'C' type as per IS 15560/3815
b.	Swiveling	:	On thrust bearing.
c.	Make	:	Smiriti Forging/mazumdar/mk forge
24	BEARING	:	Antifriction Ball / Taper roller & Spherical roller etc.
a.	Make	:	FAG/NBC/NTN /EQ.
25	PLATFORM	:	
a.	Type	:	Steel Chequered plate with toe guard and two-tier hands railing on Drive side Full Length platforms shall be provided.
26	BUFFER	:	Rubber Buffer shall be provided for L.T & C.T.
27	L.T RAIL	:	(Client's Scope).
28	PAINTING	:	The cranes shall be painted with two coats of zinc chromate primer followed by two coats of golden yellow synthetic enamel paint. / As per client's specification.
29	CRANE WEIGHT	:	12.50 T (Approximate)
30	LT MAX WHEEL LOAD (Without impact)	:	5.2 T (Approximate)

Mfg -

Double Girder Box Type Eot Crane ,Single Girder Box Type Eot Crane, Goliath Crane, Gantry Crane, Eot Crane, Jib Crane , Electric Hoist Machine.

RS. 480/mtr → fail installation will be extra
 RS. 600/mtr → DSL Bus bar installation charges will be

GSTIN:08AAHC4146R1Z3

* SPEEDS OF MH, CT< ARE SUBJECTED TO ±10 % VARIATION AFTER DETAILED ENGINEERING.

** ACTUAL KW MAY VARY SUBJECTED TO FINAL CALCULATIONS.

Payment Term - 30% Advance Against
 Order Confirmation Against the Demand
 of security cheque, 60% + 10% of G
 within 7 days
 of material

Annexure - 2

SCOPE OF SUPPLY & SERVICE

Sr.No	Description	Scope of Supply
1	Supply of 3 T. Capacity D/G Eot Crane	CONCISE
2	Unloading & hydra at Site	CUSTOMER
3	Freight	CUSTOMER

COSTING

Balance 10% After installation
 Or within 30 days from date of invoice if installation delayed by JAL
 Spot to Mr Dharmendra

D/G EOT CRANE 3 TON CAP.					
S.No	Description	UOM	Qty	Rate	Amount
1	Design & Supply of 3 T. Capacity D/G Eot Crane as per above specs	Set	1	23,50,000	23,50,000
2	Installation & Commissioning of crane	Set	1	45000	45000
TOTAL COST WITH COMPLETE INSTALLATION AND COMMISSIONING					23,95,000

Final price RS. 2350000/-

GENERAL TERMS & CONDITIONS

1	PRICES	Prices are Ex- our works CIPL Karoli Raj.
2	GST	18 % Extra.
3	PAYMENT TERMS	30 % Advance against security cheque with confirmed purchase order. 60% with 100% Taxes after dispatch within 7 days & Balance 10% after installation.
4	DELIVERY	Within 6-8 Weeks from the date of receipt of purchase order along with advance payment
5	WARRANTY	12 Month against any manufacturing defect from the Date of Commissioning or Date of Supply which is earlier. Our guaranteed voids if the balance payments will not make on time as per the Purchase order
6	INSURANCE	Transit Insurance in Customer scope
7	VALIDITY	Quotation valid for 15 days from date issue.
8	UNLOADING	Unloading shall be done by client at site.
9	OVERDUE INTEREST & WAREHOUSING CHARGES	If your ordered goods are not lifted after 2 week of delivery date mentioned in the P.O./Our order confirmation, 2% (of order value) per week will be charged being Overdue Interest & Warehousing charges.
10	Drawing	Drawing will be Submitted after your Confirmed Po with Advance payment and Machine Fabrication work would be Start after your GA Drawing Confirmation.
11	SCOPE OF WORK	Our scope of work is limited to what has been specifically included in our offer. Any other additional requirements to be incorporated shall be extra to Client's account
12	INSPECTION	Pre- dispatch visual inspection at our works can be done by you or your authorized agency by a prior appointment at your cost. Load test shall be done at your works and required load shall be arranged by Client.
13	QAP	Quality Assurance Plan will be Provide you after your Order Confirmation with Advance Payment.
	Testing Load	Crane Testing Load would be done at Customer Site & Load Arrangement in Client Scope.

For JAL work

Payment Term. As agreed
 Agreed

05/07

Thanks

Mfg -

Double Girder Box Type Eot Crane ,Single Girder Box Type Eot Crane, Goliath Crane, Gantry Crane, Eot Crane, Jib Crane , Electric Hoist Machine.

C0001-CENTURY FAB TECH PVT LTD-23483882-9845024601
C5600-CONCISE INDUSTRIES PRIVATE ✓
LIMITED-9953063715-9891973553
S5614-SNSENGINEERING NTA PRIVATE LIMITED-7734054280- ✓
S5645-SPRINT ENGINEERING PVT. LTD-9810015627-
U0155-UNITEK ENGINEERS PVT LTD-27832270-9886448880

EN230601515

30-Jun-2023

07/07/2023

1	08090201	DI230601293 - 30-JUN-23 DESIGN, FABRICATION, SUPPLY, ERECTION AND COMMISSIONING OF 3 TON CAPACITY ELECTRIC OPERATED CRANE WITH REMOTE CONTROL, SPECS WILL BE FINALIZED AS PER REQUIREMENT. DOUBLE GIRDER; SPAN - 25.948 MTR, HEIGHT OF LIFT - 11MTR, LONG TRAVEL - 84 MTR; ALL REQUIRED DOCS AND DRAWINGS SHOULD BE SUBMITTED BY PARTY AND TPI WILL BE IN PARTY SCOPE.,	1.00	NOS
---	----------	---	------	-----

Note

- 1) YOU HAVE TO DELIVER THE MATERIAL AS PER YOUR COMMITTED DATE OF DELIVERY AT OUR WORKS FAILING WHICH 2% PENALTY PER WEEK WILL BE DEPENDING UPON THE COMMODITY/ URGENCY OF THE MATERIAL. HENCE, INDICATE DELIVERY PERIOD .
- 2) IN CASE, YOU ARE NOT ABLE TO SUPPLY THE MATERIAL ON OR BEFORE THE DUE DATE WE ARE EMPOWERED TO DIVERT / CANCEL OUR ORDER TO OTHER SUITABLE VENDOR AT THE PREVAILING RATE IN THE MARKET. AND THE PRICE DIFFERENCE IF ANY WILL BE DEBITED TO YOUR ACCOUNT.

Please provide Service Tax/TIN Registration No./Certificate . We are releasing our payment through bank hence provide the details of RTGS/NEFT/MICR/BANK ACCOUNT NO.

Jindal Aluminium Limited
 Bhiwadi Division
 BHIWADI - 301019

PURCHASE INDENT

Format : JAL/RMD/STO/F/04

Indent No : DI230601293
 P-TYPE : P2
 Status : **PROCUREMENT**

Indent Date : 27-Jun-2023
 Department : DEVELOPMENT
 Indent Type : DEPARTMENT

Please supply/procure the following materials

CAPITAL EXPENSE

S.No	Description & Make Spl Description	P-TYPE	Justification	Stock on hand	UOM	To be Purchased	Expected Date/ Urgency/Brand/ CMD Approved
1	08090201 DESIGN, FABRICATION, SUPPLY, ERECTION AND COMMISSIONING OF 3 TON CAPACITY ELECTRIC OPERATED CRANE WITH REMOTE CONTROL Spl Desc: SPECS WILL BE FINALIZED AS PER REQUIREMENT. DOUBLE GIRDER; SPAN - 25.948 MTR, HEIGHT OF LIFT - 11MTR, LONG TRAVEL - 84 MTR; ALL REQUIRED DOCS AND DRAWINGS SHOULD BE SUBMITTED BY PARTY AND TPI WILL BE IN PARTY SCOPE.	P2	FOR PACKING FIRST BAY/IMMEDIATE USE	0.00	NOS	1.00	15-Jul-2023 N N 2347345.00

** If it is Urgent indicate accordingly

Indent by : SATYAM PALIWAL

Approved By :

Store Manager's Remarks & Signature

Head of Dept : SATYAM PALIWAL
 Approximate Value 2347345.00

30-Jun-2023 12:40:09PM

Indent No : DI230601293

P-TYPE : P2

Status : **PROCUREMENT**

Please supply/procure the following materials

CAPITAL EXPENSE

Indent Date : 27-Jun-2023

Department : DEVELOPMENT

Indent Type : DEPARTMENT

Item Code

P-

Justification

----- Q U A N T I T Y -----

Expected Date/

S.No Description & Make Spl Description

TYPE

Stock on hand UOM To be Purchased

Urgency/Brand/
CMD Approved

BELOW IS THE REMARKS GIVEN BY CONCERNED DURING APPROVAL.

USER NAME	STATUS	DATE	REMARKS
SATYAM PALIWAL	Approved	27-Jun-23	FOR APPROVAL
SATYAM PALIWAL	Approved	27-Jun-23	OK. FOR PACKING 1ST BAY
NEERAJ JAGADISH TEWARI	Approved	28-Jun-23	OK
DHIRAJ SINGH	Approved	29-Jun-23	okey
VCMD	Approved	29-Jun-23	Approved
SEETHARAM	Approved	29-Jun-23	ok
BWDPUR	Approved	30-Jun-23	ok