



AJSIM Industrial Services Pvt Ltd.

Rag. Office:- 3927/3, Jawahar Colony, 60 Feet road, NIT Faridabad
Works – Plot no 14-15, IWA Gali no – 9, Sec 70, Mujeri ind area, Ballabgarh, Faridabad.
Ph. 08094405989, 09990898551 ajsim.services@gmail.com, www.ajsim.com

AJSIM/MKT/2022-23/84

June, 25, 2022

To,
M/S Jindal Aluminium
Bhiwadi

Kind Attention : MR. Satyam Paliwal ji
MOB;- 9112728092

Subject: Your requirement of 2T SG EOT CRANE

Dear Sir,

With reference to the telephonic discussion and site visit you had with under signed, regarding the above subjected requirement and thanks for the same.

As discussed we are herewith enclosing our most competitive techno commercial offer as per enclosed Annexure I, II, III for your consideration and order finalization.

Hope the offer is inline of your requirement.

Please feel free to contact us, for the further clarifications.

Thanking you & assuring you of our best & prompt services always.

With Regards,

For AJSIM INDUSTRIAL SERVICES PVT LTD

Ajeet Maurya
MOB:-08094405989

Anodizing



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Annexure – I

TECHNICAL PARAMETER OF S.G. E.O.T. CRANE CAPACITY 2 TONS, 16.325 MTR. SPAN, 4.0 MTR. LIFT

Main technical points:

1. Type of crane : Single Girder EOT Crane
2. Location : Indoor
3. Qty. : 1 No.
3. Class : M7 (III) as per IS:3177, IS:800 & IS:807
4. Capacity
→ Main Hoist : 2T
- 5.. Span : 16.325 mtr.
- 6. Height Of Lift : 4.0 Mtr.
- 7. Total Crane travel : 45 Mtr. (45 mtr-20) (50m/20)
- 7. Speed
- Main Hoist : 3 Mtr/min
- Cross Travel : 15.0 mtr./min
- Long Travel : 20.0 mtr./min
*(18m/min - Hoist)
L-T = 12-15*
- 8. Motors : /BBL Make
Main Hoist
→ - Rated HP : 2.0 HP, Sq. Cage
- Duty : S-4 duty
- Type : 150 starts/hr, inverter duty, F-class, TEFC
- CDF : 40%
- **Cross Travel**
- Rated HP : 0.5 HP, Sq. Cage
- Duty : S-1 duty

tech. Ok
2. reviewed
25/06/22



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- - Type : 150 starts/hr, inverter duty, F-class, TEFC
→ - CDF : 40%
- Long Travel:**
- - Rated HP : 0.75 HP, (02 no), Sq. Cage
→ - Duty : S-1 duty
→ - Type : 150 starts/hr, inverter duty, F-class, TEFC
→ - CDF : 40%
9. Gearbox casing : Gray cast iron/Fabricated
→ - Material of Gears & Pinions : EN9/EN 24 – BS970,
- 10. Operation : By Pendant Push Button floor operated + RRC System
SNT make IT301
- 11. Limit Switches : 2 No. Snap action type main Hoist .
1 No. Lever limit switch (2-way type) for CT | Jai Balaji make
1 No. Lever limit switch (2-way type) for LT
- 12. Panels : Crane mounted, dust proof
and maintenance friendly, having
MCB's, brake contactors ,over load relay
etc.
- 13. Type of Hook : (C) Hook, Swiveling type with safety
latch , and Thrust Bearing swivel
- 14. Cables : Multi Core, PVC Sheathed flexible type
- 15. Brakes :
M.H. : EM Disc Type | Pethe make.
C.T. & L.T. : EM Disc Type
- 16. Wheel material : EN-9 (Forged alloy steel) ||
- CT size & nos. : $\phi 100$, 04 nos.
- LT size & nos. : $\phi 200$, 04 nos.
17. Rope Drum : Seam Less Pipe
18. Rope size
Main Hoist : $\phi 8$ mm / 4 Fall, Fiber core, 180kg/mm², 4 falls,
19. Power supply : 415V \pm 10%, 3-phase, 50Hz
- tech OK
S. Prakash
25/06/22



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21. Bridge Girder : Box Beam type IS:2062,
23. DSL : Shrouded type – 25 Mtr. (Client scope)

OTHER TECHNICAL POINTS INCORPORATED BY CLIENT:- INCLUDED IN OUR OFFER AND CONFIRMED

1. To use soft starter in LT movement instead of VFD
2. SNT make remote controller, **model IT-301** instead of pendent
3. To use flat cable for CT movement
4. To use safe track busbar system for LT movement – Client scope
5. To provide overload protection for each motor and separate MCB for motors
6. To provide proper ferrule in wiring
7. panel drawing to be provided by party for approval
8. Hoist up safety Limit switch to be provided
9. To us AC brake in hoist
10. To use good quality cables in cranes like, Polycab or Lapp

Make of Various Brought Out Items

Motors :-	CGL/Bharat Bijlee (BBL)
Brake :-	Brake motor
Wire Rope :-	Usha Martin
Gear Box –	Own Make
Cables :-	Finolex/KEI Any ISI mark
Switch Gears :-	L&T/Standard/Siemens.
Limit Switch :	Multitek System Make.
Bearing:-	ZKL Make.
Cables :-	Polycab Make OR any ISI Marked.



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COMERCIAL TERMS AND DETAIL (For 1 Crane)

S.NO.	DESCRIPTION	UNIT PRICE (In Rs.)	TOTAL QTY..	TOTAL PRICE (In Rs.)
1	Basic price of crane Single girder type 3T	8,00,000	1 No.	8,00,000
2.	Erection and Commissioning of Crane,	25,000 / Crane	1 No.	25,000
3.	DSL Shrouded type	1200	25 mtr.	30000
4.	Current collector	7500	1 Set	7500
5.	Freight			Client scope
		TOTAL		8,62,500

Client scope :-

1. Hydra during erection
2. Taxes

Rs. 7,85,000 / with all the technical parameters considered based on the discussion had on: 25/06/22

[Signature]
25/06/22

Annexure – III

1. **Payment terms** :- 50% Advance, 40% Before dispatch, 10% after commissioning and testing.
2. Free (No load) trial will be done in our factory before dispatch.
3. Load test to be done at site and load is to be provided by client.
4. Packing and forwarding : **NIL**
5. GST : 18% shall be charged extra
6. Freight : Freight and transit shall be Charged extra at actual.
7. Delivery : 6-7 weeks from the date of Your purchase order with

Advance and approved GA drawing whichever is later.

→ Payment 50% Advance
→ 50% with 100% GIT against Proforma Invoice
→ Balance 20% with (P/BG 10% basic) after commissioning of crane.

→ warranty: one year
→ delivery on 10th of July-22

[Signature]
11/07/22



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COMBINED TERMS AND DETAIL (Part - I) (Contd.)

SERIAL	DESCRIPTION	UNIT PRICE (in Rs.)	QTY.	TOTAL PRICE (in Rs.)
1	Basic price of crane 30000	250000	1.00	250000
2	Transportation	25000/Crate	1.00	25000
3	(Installation of crane)	1500	2.00	3000
4	Demolition work	2500	1.00	2500
5	Crane 30000	25000	1.00	25000
	TOTAL			310500

Handwritten notes:
 At least all the material to the
 contractor had to be approved
 by the client.

Client scope:
 1. Hydr during erection
 2. Taxes

Assumptions - III

1. Payment terms - 50% advance, 50% balance against bill of material and commissioning and testing.
2. Price / No load / that will be done in our factory before erection.
3. Load test to be done at site and load to be provided by client.
4. Packing and forwarding - W/T
5. GST - 18% shall be charged extra.
6. Height - Freight and return shall be charged extra at annual.
7. Delivery - 60 days from the date of your purchase order with advance and approved QA drawing wherever is later.

Handwritten notes:
 → Invoice to be submitted
 → Bill of material to be submitted
 → Bill of material to be submitted
 → Bill of material to be submitted



VENUS ENGINEERS

AN I.S.O 9001- 2015 CERTIFIED COMPANY

Ref.: VER / QU / 2022 / SGBT SG 3T2204S26M R1

Date: Thursday, 05 May 2022

To : **M/s JINDAL ALUMINIUM**
Address : SP- 2/333, RIICO Industrial Area,
Bhiwadi, Alwar, Rajasthan 301019
Mob : +91 - 9900706404 | +91 9305291358
Email : vikash.ranjan@jindalaluminium.com | satyam.paliwal@jindalaluminium.com

KIND ATTN: Mr. VIKASH RANJAN | Mr. SATYAM PALIWAL

Sub : OFFER FOR 3 Ton CAPACITY S/G BOX TYPE SEMI GANTRY CRANES.

LOT.

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 | : TECHNICAL SPECIFICATIONS | (3 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 favour 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 RAJ - 301707

Mob : 09810270866
E-mail : 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 Gurgoan
RTGS / NEFT / IFSC CODE: HDFC0000090

For PC/NA Plant



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Ref.: VER / QU / 2022 / SGBT SG 3T2204S26M R1

Date: Thursday, 05 May 2022

ANNEXURE - I

TECHNICAL SPECIFICATIONS

- 1. Make : 'VENUS ENGINEERS'
- 2. Main Hoisting Capacity : **3 Ton**
- 3. Qty. : 2 Nos.
- 4. Standard : Confirms to IS : 3177-807
- 5. Class : 2nd heavy duty Indoor type.
- 6. Span : ~~15.24 Mtr. Approx.~~ **16.025 Mtr**
- 7. Lift : 5.5 Mtr.
- 8. Drive : Individual drive type
- 9. Bay length : 30 mtr approx
- 10. Type : DOUBLE GIRDER BOX TYPE SEMI GANTRY CRANE
- 11. Control : Floor Pendent Push Button Operated + RRC - SNT make only
- 12. End Carriages : Plate and Channel fabricated type having Open gear Wheel Assemblies. **LT - Soft Starter**
- 13. Speeds : With VVVF Drives in CT & LT Motion, Make: SCHNEIDER / YASHKAWA
 - 3 mtr / Min for main hoisting up and down ✓
 - 1.5 - 15 Mtr / Min for cross travel. ✓
 - ~~2.0 - 20 Mtr / Min for long travel.~~ ✓
 - 25 mtr/min**
- 14. Gear Box : Totally enclosed CI / Fabricated bodies oil lubricated ✓
Triple fine machine cut gear alloys steel gears double
 - (I) Main hoisting Gear Box : Electric Hoist - Make: VENUS
 - (II) Cross travel Gear Box : Electric hoist - Make: VENUS
 - (III) Long travel Gear Box : Geared motor x 2 no (both Side)
 - (IV) Geared Motor Make : P.B.L - POWER BUILT LIMITED | I.C. BAUAR - GERMANY ✓



VENUS ENGINEERS

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Date: Thursday, 05 May 2022

15. Motors : All crane duty standard make motor for Hoist, Cross Travel & Long travel. TEFC Foot cum flange mounted SQ CAGE type Crane Duty Motor S4 Duty 150 Start Per hour 40% CDF as per IS-325 with IP 55 enclosures : Make: GROMPTON / MARATHON / BBL / HAVELLS : International frame size fan cooled type / MZ frame size.
Main hoisting : 3 hp
Cross Travel : 0.5 Hp ✓
Long Travel : 1 HP x 2 no (both side) ✓

→ 16. Brakes : All Electromagnetic disc & shoe type Brake will be fitted
Make : MAGTECH | VENUS

→ 17. Control Panel : Contactors, Step down transformers, MCB Transformers, fittings, will be provided in Control Panel.
Make : SCHNEIDER ✓

→ 18. Limit Switches : Main Hoisting - Geared Rotary type / Snap Action Roller CT / LT Motion - Long Lever type limit switch
Make : Crane Control ✓

→ 19. Bearings : Heavy duty antifricition ball, roller and spherical bearing
Make : URB / ZKL/ ARB ✓

→ 20. Wheel Assemblies : Wheel overall dia For L.T. 250 mm. Total - 4 No's
Wheels overall dia For C.T. 200 mm. Total - 4 No's ✓

→ 21. Wire Rope : Twisted - Un- Galvanized wire rope in crane will be used (Make: Usha Martin / ~~Mahadev~~ IWRC / EMC 6 x 36 Dia. 10 mm / 4 fall for main Hoist.

→ 22. Cables : All flexible copper cables tested to 1100V will move fitted → KBT / Poly cab

→ 23. Paint : Crane will be painted with zinc chromate primer followed by Two coats of Golden Yellow paint with auto-finish technology

→ 24. Supply : 415V, 50 Hz, 3 Phase {supply to be provided in crane premises}

→ 25. Hook : C Shank Type - Cap 3 Ton

→ 26. Control Voltage : 110V 50 Hz

→ Anti Collision



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Date: Thursday, 05 May 2022

- PRODUCT : SINGLE GIRDER BOX TYPE SEMI GANTRY CRANE
- IMAGE COURTESY : VENUS ENGINEERS



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VENUS ENGINEERS

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Date: Thursday, 05 May 2022

Makes:

- | | | |
|-------------------|---|--|
| → 1. MOTOR | - | CROMPTON / MARATHON / BBL <u>4 Marathon</u> |
| → 2. GEAR BOX | - | VENUS |
| → GEARED MOTOR | - | <u>P.B.L. - POWER BUILT LIMITED I.C. BAUER - GERMANY</u> |
| → 3. BRAKES | - | <u>MAGTECH</u> |
| → 4. WIRE ROPE | - | <u>USHA MARTIN / MAHADEV</u> |
| → 5. LIMIT SWITCH | - | <u>CRANE CONTROL</u> |
| → 6. SWITCH GEAR | - | <u>SCHNEIDER</u> |
| → 8. BEARINGS | - | <u>ARB/ URB / ZKL</u> |

NOTE:

- 1) The product is tested at 125% safe working load as per IS: 3938.
- 2) Any civil work on your account.
- 3) Payment terms & delivery as confirmed in the Annexure III
- 4) Freight & Taxes Are In Your Scope
- 5) Installation as mentioned extra actual
- 6) Load test will be done at site subject to calibrated test loads
- 7) Slings, Cradles & dead loads for Load Test will be arranged by you at site {i.e. in Clients scope}
- 8) Material Unloading at your works after dispatch will be in your scope

Er. DIPIT MATTA - 9810270866

Head - SALES & MARKETING
For "VENUS ENGINEERS"



VENUS ENGINEERS

AN I.S.O 9001- 2015 CERTIFIED COMPANY

Ref.: VER / QU / 2022 / SGBT SG 3T2204S26M R1

Date: Thursday, 05 May 2022

ANNEXURE - II PRICE SCHEDULE

SUPPLY: 3 Ton E.O.T

1.1 Price for the Supply of **SGBT SEMI GANTRY CRANE - 3T** ✓
With VF Drive in CT / LT Motion, Span - 15.2 mtr, lift 5.5 mtr ✓
: Rs. 8, 50, 000 /- each

1.2 Price for the supply of QTY - 2 No of cranes ✓
@ Rs. 8, 50, 000 / crane x 2 no
: Rs. 17, 00, 000 /-
16.325 mtrs

1.3 Our charges for the Supply of **Shrouded Bus Bar Arrangement** ✓
For the E.O.T. Crane 100 amp 3 bar RYB with Current Collectors ✓
@ Rs. 1200 / mtr x 30 mtr
: Rs. ~~36,000 /-~~

1.4 Price for the current collector for 2nd crane ✓
@ Rs. ~~2500 / pc x 3 pc~~
: Rs. ~~7,500 /-~~

1.5 Price for the **LT SQ BAR AS RAIL LINE** ✓
Size 50 x 50 SOLID SQUARE BAR @ Rs. 2200 / mtr x 60 mtr
: Rs. ~~1,32,000 /-~~

1.6 Price for **Installation of SEMI GANTRY Crane** at Bhiwadi Rajasthan ✓
@ Rs. 50, 000 x 2 no ✓
: Rs. ~~1,00,000 /-~~

1.5 Total amount payable complete set up : Rs. 19, 75, 500 /- EACH
{Rupees nineteen lakh seventy five thousand five hundred only}

Discussed with Mr. Gopal and their team agreed the below date
30/05/22

Er. DIPIT MATTA - 9810270866

Head - SALES & MARKETING
For "VENUS ENGINEERS"

Final Rate

EOT SG	-	8,50,000/-
Installation	-	50,000/-
		<hr/>
		9,00,000/-
		50,000
		<hr/>
		9,50,000 / set x 2 = 19 lac
		+ GST only



VENUS ENGINEERS

AN I.S.O 9001- 2015 CERTIFIED COMPANY

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Date: Thursday, 05 May 2022

ANNEXURE - III

COMMERCIAL TERMS & CONDITIONS

Payment

- PRICES : Ex-our Works Karoli - Rajasthan
- FREIGHT : Exclusive {extra as actual at the time of dispatch}
- G.S.T : 18 %
- PAYMENT : 50% payment as Advance along with your clear order and balance
50% payment with 100% Taxes and Duties against our P.I. before despatch
- DELIVERY : With 8 weeks with complete set up, for installation 1 - 2 week
- GUARANTEE : We guarantee our equipment against any manufacturing defects for a period of 12 months 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-despatch 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 20 days only, subject to increase In price of Raw material

→ 30% Advance
 → 60% Against PI + 100%
 → 10% After Commissioning
 against submission of CBG
 of 10% with undated
 cheque.

Er. DIPIT MATTA - 9810270866

Head - SALES & MARKETING
For "VENUS ENGINEERS"

→ 105 sqm x 3 core - 60mt² - KEI

Prepared

58.7

50% ethanol
60% ethanol
10% ppt. of...
of ppt. with...
degree

→ The degree of... - Contact - RFI