

CC220700335



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, Ballabhgarh, Faridabad.
Ph. 08094405989, 09990898551 ajsim.services@gmail.com, www.ajsim.com

AJSIM/MKT/2021-22/143/R1

Mach, 21, 2022

To,
M/S Jindal Aluuminium
Bhiwadi

Packlip

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

Subject: Your requirement of 3T 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

16/06/22

Cost



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Annexure – I

TECHNICAL PARAMETER OF S.G. E.O.T. CRANE CAPACITY 3 TONS, 25.948 MTR. SPAN, 7.0 MTR. LIFT

Main technical points:

- 1. Type of crane : Single Girder EOT Crane
- 2. Location : Indoor
- 3. Qty. : 1 No.
- 3. Class : M7(HH) as per IS:3177, IS:800 & IS:807
M8(4)
- 4. Capacity Main Hoist : 3T
- 5. Span : 25.948 mtr.
- 6. Height Of Lift : 7.0 Mtr.
- 7. Total Crane travel : 75 Mtr. ✓
- 7. Speed
 - Main Hoist : 3.5 Mtr/min (6 mtr/min.)
 - Cross Travel : 15.0 mtr./min
 - Long Travel : 25.0 mtr./min With Soft Starter (30-35 mtr./min.)
- 8. Motors ✓
 - Main Hoist**
 - Rated HP : ~~3.0~~ 5HP HP, Sq. Cage
 - Duty : S-4 duty
 - Type : 150 starts/hr, inverter duty, F-class, TEFC
 - CDF : 40%
 - Cross Travel**
 - Rated HP : 0.75 ,HP , Sq. Cage
 - Duty : S-1 duty

OK. to consider speeds.
R. Paulose
12/5/2022



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- Type : 150 starts/hr, inverter duty, F-class, TEFC
 - CDF : 40%
 - Long Travel:**
 - Rated HP : ~~1.5~~ HP, (02 no), Sq. Cage **2HP**
 - 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 Pendent Push Button floor operated + Radio remote model
IT-301
11. Limit Switches : 2 No. Snap action type main Hoist .for UP & DOWN
1 No. Lever limit switch (2-way type) for CT
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 : Flat Cable make - **Polycab**
15. Brakes :
M.H. : EM Disc Type
C.T. & L.T. : EM Disc Type
16. Wheel material : EN-9 (Forged alloy steel)
- CT size & nos. : ϕ 100, 04 nos.
- LT size & nos. : ϕ 250, 04 nos.
17. Rope Drum : Seam Less Pipe
18. Rope size :
Main Hoist : ϕ 10 mm / 4 Fall, Fiber core, 180kg/mm², 4 falls,



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19. Power supply : 415V±10%, 3-phase, 50Hz
21. Bridge Girder : Box Beam type IS:2062,
23. DSL : Shrouded type – 75 Mtr (Client Scope)
24. Crane weight : Approx. ~~7.8~~ **8.5**T

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.

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

1. To use ~~soft starter~~ **LT** movement instead of VFD → *Schneider*
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 use AC brake in hoist → *Pethe nake*
10. Anti Collision sensor to use for both cranes
11. To use good quality cables in cranes like, Polycab or Lapp

Girder - 7.5m7



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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	12,26,000	1 No.	12,26,000
2.	Erection and Commissioning of Crane,	35,000 / Crane	1 No.	35,000
3.	DSL Shrouded type	1100	75 mtr.	82500
4.	Current collector		1 Set	CLIENT SCOPE
5.	Freight	45000	1 Set	45000
	TOTAL			13,88,500

Final Rate
Rs. 11,25,000
Rs. 25,000
Each
Erection,
Commissioning,
Freight

offered
Rs. 13,06,000
Each

Client scope :-

1. Hydra during erection
2. Taxes

Discussed with Mr. Ajeet and agreed above
25/06/22

Done
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 : Included
7. Delivery : 6-7 weeks from the date of Your purchase order with Advance and approved GA drawing whichever is later.



VENUS ENGINEERS

AN I.S.O 9001- 2015 CERTIFIED COMPANY

Ref.: VER / QU / 2022 / SGBT 3T3006S25.9M R2F

Date: Thursday, June 30, 2022

To : **M/s JINDAL ALUMINIUM**
Address : SP- 2/333, RIICO Industrial Area,
Bhiwadi, Alwar, Rajasthan 301019

Revised Packing Leave

Mob : +91 - 9112728092 | +91 - 9611195368
Email : satyam.paliwal@jindalaluminium.com | rajgopal@jindalaluminium.com

KIND ATTN: Mr. SATYAM PALIWAL | Mr. RAJGOPAL

Sub: OFFER FOR 3 Ton CAPACITY S/G BOX TYPE EOT CRANES. – FOR PACKING AREA

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 Gurgaon
RTGS / NEFT / IFSC CODE: HDFC0000090



ANNEXURE - I

TECHNICAL SPECIFICATIONS

- | | | | |
|----|-------|------------------------|--|
| 1. | Make | : | 'VENUS ENGINEERS' |
| → | 2. | Main Hoisting Capacity | : <u>3 Ton - FOR PACKING AREA</u> ✓ |
| → | 3. | Qty. | : 1 Nos. |
| | 4. | Standard | : Confirms to IS : 3177-807 |
| | 5. | Class | : 2 nd heavy duty Indoor type. |
| → | 6. | Span | : <u>25.95 Mtr. Approx.</u> ✓ |
| → | 7. | Lift | : <u>7 Mtr.</u> ✓ |
| → | 8. | Drive | : Individual drive type ✓ |
| → | 9. | Bay length | : <u>75 mtr Approx</u> ✓ |
| → | 10. | Type | : <u>Single Girder Box Type EOT Crane.</u> ✓ |
| → | 11. | Control | : <u>Floor Pendent Push Button Operated</u> and RRC (SNT make) |
| → | 12. | End Carriages | : <u>Plate and Channel fabricated type having</u>
<u>Open gear Wheel Assemblies.</u> |
| → | 13. | Speeds | : <u>With VVVF Drives in CT Motion, Make: SCHNEIDER / YASHKAWA</u>
: <u>With Soft starter in LT Motion</u>
: → <u>3 mtr / Min for main hoisting up and down</u> ✓
: → <u>1.5 - 15 Mtr / Min for cross travel.</u> ✓
: → <u>25 Mtr / Min for long travel.</u> ✓ |
| → | 14. | <u>Gear Box</u> | : <u>Totally enclosed CI / Fabricated bodies oil lubricated</u>
<u>Triple fine machine cut gear alloys steel gears Single</u> |
| → | (I) | Main hoisting Gear Box | : Electric Hoist - Make: <u>VENUS</u> |
| | (II) | Cross travel Gear Box | : Electric hoist - Make: <u>VENUS</u> |
| | (III) | Long travel Gear Box | : Geared motor x 2 no (both Side) |
| | (IV) | Geared Motor Make | : <u>P.B.L - POWER BUILT LIMITED I.C. BAUAR - GERMANY</u> ✓ |



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Date: Thursday, June 30, 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: **MARATHON / BBL**
: International frame size fan cooled type / MZ frame size.
: 3 hp
: 0.5 Hp
: 2 HP x 2 no (both side)
- Main hoisting
→ Cross Travel
→ Long Travel
- 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 antifriction ball, roller and spherical bearing
Make : **URB / ZKL / ARB**
- 20. Wheel Assemblies : Wheel overall dia For L.T. 350 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 / FMC 6 x 36
Dia. 10 mm / 4 fall for main Hoist.
- 22. Cables : All flexible copper cables tested to 1100V will move fitted
MAKE: KEI | DIGNITY
- 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**
- 27. Anti - collision : **To prevent collision between two cranes running on same bay**



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Date: Thursday, June 30, 2022

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





VENUS ENGINEERS

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Date: Thursday, June 30, 2022

Makes:

- | | | |
|-----------------------------|---|--|
| 1. MOTOR | - | CROMPTON / <u>MARATHON</u> / <u>BBL</u> |
| 2. GEAR BOX
GEARED MOTOR | - | VENUS
P.B.L. - POWER BUILT LIMITED I.C. BAUER - GERMANY |
| 3. BRAKES | - | MAGTECH |
| 4. WIRE ROPE | - | <u>USHA MARTIN</u> |
| 5. LIMIT SWITCH | - | CRANE CONTROL |
| 6. SWITCH GEAR | - | SCHNEIDER |
| 8. BEARINGS | - | ARB/URB/ZKL |
| 9. RADIO REMOTE | - | SNT {Model no - <u>IT 301</u> } |
| 10. CABLES | - | <u>KEI</u> / <u>DIGNITY</u> |

NOTE:

- 1) The product is tested at 125% safe working load as per IS: 3938.
- 2) Any civil work on your account.
- 3) **Separate MCB will be provided in all motion**
- 4) **Flat cable will be provided in CT DSL**
- 5) **Overload relay will be provided in hoisting motion**
- 6) Taxes Are In Your Scope
- 7) Installation as mentioned extra actual
- 8) Load test will be done at site subject to calibrated test loads
- 9) Slings, Cradles & dead loads for Load Test will be arranged by you at site {i.e. in Clients scope}
- 10) Material Unloading at your works after dispatch will be in our scope
- 11) Hydra for installation will be in our scope



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ANNEXURE - II PRICE SCHEDULE

SUPPLY: 3 Ton E.O.T

1.1 Price for the Supply of SGBT - 3T

With VF Drive in CT Motion, Span - 25.94 mtr, lift 7 mtr

: Rs. 12, 50, 000 /- each ✓

1.2 Our charges for the Supply of Shrouded Bus Bar Arrangement

For the E.O.T. Crane 100 amp 3 bar RYB with Current Collectors

: In Jindal scope

1.3 Price for the LT SQ Bar

LENGTH - 150 mtr {75 MTR BOTH SIDES}

: In Jindal scope

1.4 Price for Installation of EOT Crane at Bhiwadi Rajasthan

: Rs. 50, 000 /- ✓

1.5 TOTAL AMOUNT PAYABLE FOR EACH CRANE

: Rs. 13, 00, 000 /- EACH ✓

1.6 FINAL AMOUNT PAYABLE AFTER DISCUSSION & NEGOTIATION

: Rs. 26, 00, 000 /- EACH

{Rupees Twenty six lakh only}

→ Price Basis: FOR-JOB BWP.

→ GST: 18% Extra

→ Delivery: 30 to 45 days

→ Payment: 30% Advance with order,

60% Against Professional Invoice
10% After completion of EOT
Against CBG with undated
Cheque.

Er. DIPIT MATTA - 9810270866

Head - SALES & MARKETING
For "VENUS ENGINEERS"

Discussed with
Mr. Dipit ~~not~~ and
not agreed to
reduce price further

130/06/22



VENUS ENGINEERS
AN I.S.O 9001- 2015 CERTIFIED COMPANY

Ref.: VER / QU / 2022 / SGBT 3T3006S25.9M R2F

Date: Thursday, June 30, 2022

ANNEXURE - III
COMMERCIAL TERMS & CONDITIONS

- PRICES** : FOR AT YOUR WORKS IN BHIWADI - RAJASTHAN
- FREIGHT** : INCLUSIVE
- G.S.T** : 18 %
- PAYMENT** : 30% payment as Advance along with your clear order and balance
60% payment with 100% Taxes and Duties against our P.I. before despatch
10 % Payment immediate after installation
{Also corporate guarantee of 10 % will be submitted, with cheque of the same value}
- DELIVERY** : With 8 weeks from the date of advance + P.O.
Installation 1 or 2 week depending upon the site condition
- 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

Er. DIPIT MATTA - 9810270866

Head - SALES & MARKETING for
"VENUS ENGINEERS"

