

Offer No. -AS/MKT/OFR128R1/2022-23/Ref.SR22/128 R1 Date: 07/10/2022  
Kind Attn. - Mr. Satyam Paliwal  
M/s - Jindal Aluminium Limited - Bhiwadi

D.C. NO.	F/MKT/04
ISSUE	01/05.08.18
REV.	00

**Annexure - III**  
**Commercial Consideration**

*Final offer  
Rs. 10,15,000  
Each*

Sr. No	Descriptions	UOM	Qty.	Unit Price (Rs.)	Total Amounts (Rs.)
✓ 1.1	Basic Cost of Design, Manufacturing, Supply of SG EOT Crane Capacity - 3T, Span - 9.38m and Height of Lift - 10m → <i>DI220801926</i>	Nos.	2	10,25,000 ✓	20,50,000 ✓
⊗ 1.2	DSL (Shrouded bus bar GI. Cond. 100A) for 110m bay length + 2 set current collector	No.	1	<del>1,32,000</del>	<del>1,32,000</del>
⊗ 1.3	Spare Hook for the Crane	No.	1	<del>21,000</del>	<del>21,000</del>
1.4	Third Party inspection charges	No.	1	10,000 ✓	10,000 ✓
✓ 1.5	Erection & Commissioning of Crane	Nos.	2	50,000 ✓	1,00,000 ✓
⊗ 1.6	Erection & Commissioning of DSL	No.	1	<del>77,000</del>	<del>77,000</del>
✓ 1.7	Erection & commissioning of LT Rail	No.	1	70,000 ✓	70,000 ✓
✓ 1.8	Freight upto Bhiwadi	Nos.	2	5,000 ✓	10,000 ✓
2.1	Basic Cost of Design, Manufacturing, Supply of SG EOT Crane Capacity - 3T, Span - 14.88m and Height of Lift - 10m → <i>DI220701604</i>	Nos.	4	12,75,000 ✓	51,00,000 ✓
2.2	DSL (Shrouded bus bar GI. Cond. 100A) for 110m bay length + 2 set current collector	Nos.	2	<del>1,32,000</del>	<del>2,64,000</del>
2.3	Spare Hook for the Crane	No.	1	<del>21,000</del>	<del>21,000</del>
2.4	Third Party Inspection charges	No.	1	10,000 ✓	10,000 ✓
2.5	Erection & Commissioning of Crane	Nos.	4	65,000 ✓	2,60,000 ✓
2.6	Erection & Commissioning of DSL	Nos.	2	<del>77,000</del>	<del>1,54,000</del>
2.7	Erection & Commissioning of LT Rail	Nos.	2	70,000 ✓	1,40,000 ✓
2.8	Freight upto Bhiwadi	Nos.	4	5,000 ✓	20,000 ✓

*Offered  
Rs. 11,25,000  
Rs. 11,20,000  
Rs. 11,20,000*

*Rs. 11,60,000  
Each*

*Rs. 14,25,000  
Rs. 13,85,000  
Each crane*

*Offered  
Rs. 12,90,000  
Final offer  
Rs. 12,50,000  
Each*

- Price Basis: FOR - JAL BIDD
- GST: 12% Extra
- Delivery: 8 to 10 weeks of 3 to 4 cranes, Rest 4 to 5 cranes
- Payment: 10% Advance with CA9 with PDC undated cheque
- Warranty: One year from the date of erection of crane.

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**Annexure - IV**  
**Terms & Conditions**

**NOTE: "WE ARE REGISTERED WITH MSME ACT 2006"**

1	Prices	• The above prices are on FOR Site, Bhiwadi. ✓
2	Offer Validity	• 30 days N/A
3	Taxes & Duties	• All taxes and duties shall be charged extra as applicable at the time of dispatch. At present applicable GST is 18% ✓
4	P&F Charges	• Shall be charged extra @ 2% Incl ✓
5	Payment Terms	• 30% advance along with Purchase order. • Balance 70% against Performa Invoice before dispatch. As Agreed ✓
6	Delivery	• 10 - 12 Weeks from the date of approval of GA Drawing or receipt of advance whichever is earlier. AS agreed ✓
7	Specification deviation	• Any change in technical specifications may affect agreed price & delivery time. AS agreed ✓
8	Inspection	• Inspection before dispatch can be carried out at our factory in Bhiwadi. All expenses like to & fro, accommodation, inspection fee, if any will have to be borne by the buyer. AS agreed ✓
9	Default in payment	• The payment has to be made as per terms of the offer. Delay in payment will attract interest @ 18% per annum on pro-rata basis. N/A ✓
10	Validity of Purchase Order	• Purchase Order will be valid till delivery schedule mentioned in it. In case of delay in delivery due to any reason attributable to buyer, P.O. will have to be re-validated as per mutual agreement between Alpha & the buyer. N/A ✓
11	Receipt of material	• Customer needs to thoroughly check the materials and sign the LR copy & packing list, any short material claim afterwards would not be accepted without notification on above signed documents ✓
12	Warranty	• 12 Months from the date of commissioning or 18 months from the date of supply whichever is earlier. ✓
13	Others	• First fill of Gear box & Thruster oil shall be provided by you. ✓ • Unloading of material at your site in your scope. In the client ✓ • Our scope of supply is limited to item mention in our offer only. AS agreed ✓ • Any civil work or mechanical fabrication is in scope of purchaser. ✓
14	HSN Code	• EOT - 84261100, Gantry/Goliath - 84261900 • HOIST - 84251110, JIB CRANE - 84263000

For ALPHA SERVICES

SANDEEP GARGA

VICE PRESIDENT (SALES & MKTG.)

MOB.#9899068622

Mail id: [sandeep.garga@alphaservices.co.in](mailto:sandeep.garga@alphaservices.co.in) / [alpha@alphaservices.co.in](mailto:alpha@alphaservices.co.in)

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b.	Cross Travel	: Two way lever type ✓
c.	Long Travel	: Two way lever type ✓
d.	Make	: SQC/Speed-Age/BCH/Siemens/Jai-Balaji ✓
17	<b>CRANE CONTROLS</b>	:
a.	Protective Panel	: Consisting MCB Main line contactor, Step down transformer, Switch for supply
b.	Drive Panel	: Consisting VFD, Contactor, MCB, Over Load Relays.
c.	Make	: Schneider/L&T/C&S/Siemens/Yaskawa ✓
18	<b>CABLES</b>	: Multi Core, PVC Sheathed flexible type
a.	Make	: Finolex/Polycab/KEI Any ISI mark
19	<b>CURRENT COLLECTION</b>	:
a.	Cross Travel	: Through Drag Chain System. (R1) IGLU/Anp's opted
b.	Long travel	: Through Shrouded type DSL, 100A GI Conductor for 110M Bay Length. (Quoted Separately)
20	Power Supply	: 415V, +/-10%, 3 phase, 50 Hz
21	Control Voltage	: 110V AC, 1phase, 50Hz
22	<b>WHEELS</b>	:
a.	Type	: Single flange for CT & Double flange for LT
b.	Material	: C55Mn75 ✓
c.	Type of bearings	: Antifriction Ball/ Spherical roller Bearing
d.	LT Wheel Dia./ qty.	: Ø 160 / 4 ✓
e.	CT Wheel Dia./ qty.	: Ø 100 / 5 ✓
23	<b>HOOKS</b>	:
a.	Type	: Main Hoist- 'C' type As per IS:15560-2005
b.	Swiveling	: On thrust bearing ✓
c.	Make	: Smiriti Forging ✓
24	Bearing For Pulley	: Ball Bearing. ✓
25	<b>PLATFORM</b>	:
a.	Type	: Two small platforms under LT machinery shall be provided. ✓
26	Buffer	: Rubber Buffer shall be provided for LT ✓
27	L.T. rail	: 50 mm 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. ✓
29	Crane Weight	: 5.3 T (Approximate) (R1) ✓
30	LT Wheel Load (Max)	: 2.9 T (Approximate) (R1)

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Annexure - II/R1

TECHNICAL SPECIFICATIONS FOR S/G EOT CRANE CAP-3 T, SPAN-14.88 M

1	Type of crane	: S/G EOT CRANE
2	Class of duty	: Class-IV(M8),as per IS :3938,3177, 807, 800
3	Capacity	: 3 T
4	Qty required	: 2 Nos.
5	Operating Environment	: Indoor
6	Ambient Temp.	: 50°C
7	Span	: 14.88 M
8	Height of Lift :	: 10 M (R1)
9	Crane Control	: Through Pendent push button station with separate Track + Radio Remote Control.
10	SPEED	:
a.	Main Hoist	: 0.6 - 6.0 MPM ( Through VVFD ) (R1)
b.	Cross Travel	: 2.5 - 25.0 MPM ( Through VVFD ) (R1)
c.	Long travel	: 3.5 - 35.0 MPM ( Through VVFD ) (R1)
11	MOTOR	:
a.	Main Hoist	: 5.5 KW, 4P Sq. Cage, Geared Brake Motor (R1)
b.	Cross Travel	: 1 x 0.37 KW, 4PSq. Cage ,Geared Brake Motor (R1)
c.	Long travel	: 2 x 0.75 KW,4P Sq. Cage ,Geared Brake Motor (R1)
e.	Make	: SEW make. (R1)
	NOTE 1	: All Motors are TEFC, S1 Duty Motors, Class F Insulation, Temp rise limited to Class B& Protection IP-55.
12	WIRE ROPE	:
a.	No of Falls/Dia.	: 4/9 mm
b.	Factor of Safety	: As Per IS:3938
c.	Type of core/construction	: Steel / 6X36
d.	Tensile Strength	: 1770N/mm <sup>2</sup>
e.	IS specification	: IS:2266
f.	Make	: USHA MARTIN/MAHADEV/KISWIRE
13	GEAR BOX	:
a.	Type of gear box	: MH, CT& LT :-Geared Brake Motor
b.	Material of Body	: CI Grade -FG-200, IS-210
c.	Material of Gears & Pinion	: 20MnCr5, SAE-8620,En-9/19/24
d.	Type of Lubrication	: Oil Splash Lubrication
14	ROPE DRUM	: Seamless Pipe as per ASTM A106
15	BRAKES	: MH, CT & LT:- EM DC Disc type / Brake Motor
	Make	: SEW make. (R1)
16	LIMIT SWITCH	:
a.	Main Hoist	: Snap Action type

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**Annexure - I/R1**

**TECHNICAL SPECIFICATIONS FOR S/G EOT CRANE CAP-3 T, SPAN-9.38 M**

1	Type of crane	: S/G EOT CRANE
2	Class of duty	: Class-IV(MB),as per IS :3938,3177, 807, 800
3	Capacity	: 3 T
4	Qty required	: 2 Nos.
5	Operating Environment	: Indoor
6	Ambient Temp.	: 50°C
7	Span	: 9.38 M
8	Height of Lift :	: 10 M (R1)
9	Crane Control	: Through Pendent push button station with separate Track + Radio Remote Control.
10	<b>SPEED</b>	:
a.	Main Hoist	: 0.6 - 6.0 MPM ( Through VVFD ) (R1)
b.	Cross Travel	: 2.5 - 25.0 MPM ( Through VVFD ) (R1)
c.	Long travel	: 3.5 - 35.0 MPM ( Through VVFD ) (R1)
11	<b>MOTOR</b>	:
a.	Main Hoist	: 5.5 KW, 4P Sq. Cage, Geared Brake Motor (R1)
b.	Cross Travel	: 1 x 0.37 KW, 4PSq. Cage ,Geared Brake Motor (R1)
c.	Long travel	: 2 x 0.55 KW,4P Sq. Cage ,Geared Brake Motor (R1)
e.	Make	: SEW make. (R1)
	<b>NOTE 1</b>	: All Motors are TEFC, S1 Duty Motors, Class F Insulation, Temp rise limited to Class B& Protection IP-55.
12	<b>WIRE ROPE</b>	:
a.	No of Falls/Dia.	: 4/9 mm ✓
b.	Factor of Safety	: As Per IS:3938
c.	Type of core/construction	: Steel / 6X36
d.	Tensile Strength	: 1770N/mm <sup>2</sup>
e.	IS specification	: IS:2266 ✓
f.	Make	: USHA MARTIN/MAHADEV/KISWIRE
13	<b>GEAR BOX</b>	:
a.	Type of gear box	: MH, CT& LT :-Geared Brake Motor
b.	Material of Body	: CI Grade -FG-200, IS-210
c.	Material of Gears & Pinion	: 20MnCr5, SAE-8620,En-9/19/24
d.	Type of Lubrication	: Oil Splash Lubrication
14	<b>ROPE DRUM</b>	: Seamless Pipe as per ASTM A106
15	<b>BRAKES</b>	: MH, CT & LT:- EM DC Disc type / Brake Motor
	Make	: SEW make. (R1) ✓
16	<b>LIMIT SWITCH</b>	:
a.	Main Hoist	: Snap Action type

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b.	Cross Travel	: Two way lever type
c.	Long Travel	: Two way lever type
d.	Make	: SOC/Speed Age/BCH/Siemens/Jai Balaji
17	<b>CRANE CONTROLS</b>	:
a.	Protective Panel	: Consisting MCB Main line contactor, Step down transformer, Switch for supply
b.	Drive Panel	: Consisting VFD, Contactor, MCB, Over Load Relays.
c.	Make	: Schneider/L&T/C&S/Siemens/Yaskawa
18	<b>CABLES</b>	: Multi Core, PVC Sheathed flexible type
a.	Make	: Finolex/Polycab/KEI Any ISI mark
19	<b>CURRENT COLLECTION</b>	:
a.	Cross Travel	: Through Drag Chain System. (R1)
b.	Long travel	: Through Shrouded type DSL, 100A GI Conductor for 110M Bay Length. (Quoted Separately)
20	Power Supply	: 415V,+/-10%, 3 phase, 50 Hz
21	Control Voltage	: 110V AC,1phase, 50Hz
22	<b>WHEELS</b>	:
a.	Type	: Single flange for CT & Double flange for LT
b.	Material	: C55Mn75
c.	Type of bearings	: Antifriction Ball/ Spherical roller Bearing
d.	LT Wheel Dia./ qty.	Ø 160 / 4
e.	CT Wheel Dia./ qty.	Ø 100 / 5
23	<b>HOOKS</b>	:
a.	Type	: Main Hoist- 'C' type As per IS:15560-2005
b.	Swiveling	: On thrust bearing
c.	Make	: Smiriti Forging
24	Bearing For Pulley	: Ball Bearing.
25	<b>PLATFORM</b>	:
a.	Type	: Two small platforms under LT machinery shall be provided.
26	Buffer	: Rubber Buffer shall be provided for L.T
27	L.T. rail	: 50 mm 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.
29	Crane Weight	: 3.5 T ( Approximate) (R1)
30	LT Wheel Load (Max)	: 2.4 T (Approximate) (R1)

OFFER NO. - SNS/22-23/QTN-34/Sep  
Kind Attn. - Mr. Rupesh Ji  
M/S - Jindal Aluminium

DATE: 27 SEP. 2022

DI220701604

**Annexure - I**

**TECHNICAL SPECIFICATION FOR S/G EOT CRANE CAP-3 T SPAN-14.88 m**

- 1 Type of crane : S/G EOT CRANE.
- 2 Class of duty : Class-II (M5), as per IS 3177, 807, 800,3938
- 3 Capacity MH : 3 T
- 4 Qty. required : 1 No.
- 5 Operating Environment : Indoor 4 Nos
- 6 Span : 14.88 m
- 7 Height of Lift : 10 m
- 8 Crane Control : Through Pendent push button station suspended from Hoist & Radio Remote (SNT MAKE)
- 9 **SPEED\*** : Agreed
- a. Main Hoist : 0.6-6.0 mpm Through VVVF)
- b. Cross Travel : 2.5-25 mpm Through VVVF)
- c. Long travel : 3.5-35 mpm (Through VVVF)
- 10 **MOTOR\*\*** : All as per offer and discussions.
- 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 7.5 KW/6P/Sq. Cage Geared Brake Motor, 40% CDF, 150 Starts/hr.
- d. Make : BBL / Crompton / ICB/NORD/SEW/BONFIGLIOLI etc
- NOTE 1 :** All Motors are Crane Duty Motors, Class H Insulation, Temp rise limited to Class F.
- 11 **WIRE ROPE** : Separate annexure will be given with all the points of technical spec.
- a. No of Falls/Dia. : Main Hoist: 4/9 mm.
- b. Factor of Safety: As Per IS 3177/3938
- c. Type of core/construction : FMC / 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:** All EM AC DISC Brakes
- Make : AC Disc: -BBL/CROMPTON/EMCO/ Crane Control / SOC/ Multitech
- 15 **LIMIT SWITCH** :
- a. Main Hoist : Rotary Type
- b. Cross Travel : Two-way lever type.
- c. Long Travel : Two-way lever type.
- d. Make : Crane Control / SOC/ Multitech..

**SNSENGINEERING NTA PRIVATE LIMITED**

H1-818-19, RIICO INDUSTRIAL AREA CHOPANKI,

BHIWADI - 301019, Alwar (Rajasthan),

E.MAIL:- [sns@snsengg.com](mailto:sns@snsengg.com), [snsengg@yahoo.com](mailto:snsengg@yahoo.com)Web:- [www.snsengg.com](http://www.snsengg.com), +917734054280

OFFER NO. - SNS/22-23/QTN-34/Sep

DATE: 27 SEP. 2022

Kind Attn. - Mr. Rupesh Ji  
M/S - Jindal Aluminium

16	CRANE CONTROLS :	
a.	Protective Panel :	Consisting of MCCB, MCB Main line contactor, Step down transformer, Single Phase Preventer.
b.	Operation :	Pendent & Radio Remote(SNT & Schneider)
c.	Drive Panel :	Consisting of Contactor, MCB, Overload Relays.
d.	Make :	L&T/Siemens/Schneider
17	CABLES :	Multi Core, PVC Sheathed flexible type.
a.	Make :	LAPP/OFLEX/KEI/PLOYCAB/unique
18	CURRENT COLLECTION :	
a.	Cross Travel :	Flexible cable moving on Dreg chain
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 :	CT Single & LT 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 100 / 5
23	HOOKS :	
a.	Type :	Main Hoist: - 'C' type as per IS 15560/3815
b.	Swiveling :	On thrust bearing.
c.	Make :	Smiriti Forging / Mazumdar and Mazumdar.
24	BEARING :	Antifriction Ball / Taper roller & Spherical roller etc.
a.	Make :	SKF/FAG/NBC/NTN /EQ.
25	PLATFORM :	
a.	Type :	Steel Chequered plate with toe guard and two-tier hands railing on Drive side Two Short platforms shall be provided.
26	BUFFER :	Rubber Buffer shall be provided for LT & C.T.
27	LT RAIL :	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 :	4 T (Approximate)
30	LT MAX WHEEL LOAD (Without impact) :	2.55 T (Approximate)

\* SPEEDS OF MH, CT&amp;LT ARE SUBJECTED TO ±10 % VARIATION AFTER DETAILED ENGINEERING.

\*\* ACTUAL KW MAY VARY SUBJECTED TO FINAL CALCULATIONS.

- Price Basis: FOR JAL BWP
- GST: 18% Extra.
- Delivery: 4 to 6 weeks
- Warranty: one year from the date of erection
- Payment: 10% Advance against ABG valid for 75%  
50% + 100% GST after receipt within 7 days.  
10% After erection against PBG valid for one year from the date of erection

*(Signature)*  
12/10/22



**SNSENGINEERING NTA PRIVATE LIMITED**  
 H1-818-19, RIICO INDUSTRIAL AREA CHOPANKI,  
 BHIWADI - 301019, Alwar (Rajasthan),  
 E.MAIL:- [sns@snsengg.com](mailto:sns@snsengg.com), [snsengg@yahoo.com](mailto:snsengg@yahoo.com)  
 Web:- [www.snsengg.com](http://www.snsengg.com), +917734054280



OFFER NO. - SNS/22-23/QTN-34/Sep  
 Kind Attn. - Mr. Rupesh Ji  
 M/S - Jindal Aluminium  
 DATE: 27 SEP. 2022

Sr. No	DESCRIPTIONS	UOM	QTY	UNIT PRICE (RS.)	TOTAL AMOUNTS (RS.)
1	BASIC COST OF DESIGN, MANUFACTURING, SUPPLY OF S/G EOT CRANE CAPACITY - 3T, SPAN -14.88M AND HEIGHT OF LIFT- 10 m CLASS-II.	NO.	1	12,00,000.00	12,00,000.00 (Rs. Twelve Lacs 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	1	450	450

*Rs. 29,500/-*  
*Total Rs. 13,09,500/-*  
*From Agreed Rs. 12,00,000/-*  
*18% GST*

**ANNEXURE - III TERMS & CONDITIONS**

1	Prices	• The above prices are on Ex - Work, Bhiwadi.
2	Offer Validity	• 10 days
3	Warranty	• 12 Months from the date of commissioning or 18 Months from the date of supply
4	Taxes & Duties	• All taxes and duties shall be charged extra as applicable at the time of dispatch. However, the current GST is @18.00%.
5	Freight	• Freight Extra AS PER ACTUAL.
6	Delivery	• 06 - 08 Weeks from the date of approval of GA Drawing.
7	Payment Terms	• 50% advance along with Purchase order • Balance 40% before dispatch + 10% After Dispatch .
8	Others	• First fill of Gear box & Thruster oil shall be provided by you. • Unloading of material at your site in your scope. • Civil work involves if any shall be in your scope. • Dead Load For Load Test at your site under the crane in your scope.

**For SENSENGINEERING NTA PVT. LTD.**

Navneet Saraswat  
 Director Sales & Marketing  
 Mob - +917734054280

*Discussed with Mr. Navneet and agreed Rs. 12,05,000/- + GST: 18% Excl. 20%.*  
*Terms and conditions as per annexure.*  
*11/10/22*





**Annexure I**  
**Technical Details**

Requirement 1	
Description	3 T Capacity- 9.3 M-Span- 10 M-HOL-SG-EOT Crane
<b>Crane Data</b>	
Type of Crane	Single Girder EOT Crane
Application	Indoor
Area	Safe area (Non Hazardous)
Ambient Temperature	+45° C
Crane Capacity	3 Ton
Main Hoist Capacity	3 Ton
Span	9.3 Mtr.
Lift Height	10 Mtr.
Bay Length	35 Mtr.
Qty.	System 1 & Qty. 2 No., Total = 2 Nos.
Wheel Load (without impact)	~2.0 Ton x 4 Nos. wheel
Crane Weight with Hoist	~2.2 Ton
Duty Group (Crane)	Class II / M5 Duty (As per IS Standard)
Girder Deflection	Span/750 (As per IS Standard) – IS 807-2006
Control	From Floor Through Independent Push Button Pendant
Supply Voltage	415 V (±5%), 3 Phase, 50 Hz (±2%)
Control Voltage	110 V AC
<b>Hoist Data</b>	
Type of Hoist	Wire Rope Hoist
Make & Country of origin	Sparkline, Make in India
Type of Grooved	Single Grooved
Model of Hoist	Highton
No of falls	4/1
Rope Dia.	08 mm, 6x36 Construction, Steel core, 1960 N/mm <sup>2</sup> Tensile strength
Rope Safety Factor	≥5
Type of Hook	C Type Single Shank with safety latch
Duty Group	M5 (As per ISO Standard)
Hoist Speed	5/0.5 M/Min. Double Speed VFD Control
Hoist Motor output	2.5 kW x 1 Nos.
Brake Hoist	EM disc brake
Limit Switch Hoist	Rotary Limit switch + Gravity Limit Switch.
IP Protection Hoist	IP 55 with Brake IP54
<b>Cross Travel Data</b>	
C.T. Speed	25/2.5 M/Min. Double Speed VFD Control
C.T. Trolley Motor output	0.37 kW x 1 Nos.
C.T. Trolley Type	4 Wheel Design Trolley
C.T. Wheel dia.	100 mm



C.T. Drive	Single Drive
Brake C.T.	EM disc brake
Limit Switch C.T.	Two Stage Operational Limit Switch
IP Protection C.T.	IP 55 with Brake IP54
<b>Long Travel Data</b>	
L.T. Speed	35/3.5 M/Min. Double Speed VFD Control
L.T. Motor output	0.37 kW x 2 Nos
End Carriage Type	4 Wheel Design Trolley
End Carriage Wheel base	~2000 MM
End Carriage Wheel dia.	125 MM
L.T. Drive	Twin Drive
Brake L.T.	EM disc brake
Limit Switch L.T.	Two Stage Operational Limit Switch
IP Protection L.T.	IP 55 with Brake IP54
Buffer type	Rubber
<b>Motor Data</b>	
Motors Type	3 Ph. SQ Cage Induction Motor
Motors Standard	ISO Standard
Motor Enclosure	IP 55
Cooling System	TEFC
Insulation Class	F Class
Temperature Rise	Class B
<b>Structure Data</b>	
Girder Specification	Complete Girder for the span of 9.3 Mtr. Along with the mounting plate the End carriage of the EOT crane will be manufactured in India. Girder will be duly painted.
Platform type	2 Short Platform Consider.
L.T. Rail	50 X 50 Rect. Sq. Bar. - Supplied By Client.
<b>Electrical accessories</b>	
Control Panel	> Contactor logic Control Panel > Hoisting & CT Control Panel will have mounted on Hoist. > LT Control Panel will have mounted on End carriage. > Sheet steel housing, powder coated, color Siemens Grey > Disconnect switch 3-pole, lockable > Cable entry via connector, reserve drillings are closed with blanking plugs
IP Protection Panel	IP 54
Hoist Supply Type	Through Festoon System.
L.T. Supply Type	Through Bus bar System-shrouded type 100A-GI
Current collector	1 Set. - Considered.
Hooter with flasher	1 Nos. - Considered.
Radio Remote	1 Nos. - Considered per Crane.
Anti-Collision Device	1 Nos. - Considered per Crane.



C.T. Trolley Type	4 Wheel Design Trolley
C.T. Wheel dia.	100 mm
C.T. Drive	Single Drive
Brake C.T.	EM disc brake
Limit Switch C.T.	Two Stage Operational Limit Switch
IP Protection C.T.	IP 55 with Brake IP54
<b>Long Travel Data</b>	
L.T. Speed	35/3.5 M/Min. Double Speed VFD Control
L.T. Motor output	0.37 kW x 2 Nos
End Carriage Type	4 Wheel Design Trolley
End Carriage Wheel base	~2500 MM
End Carriage Wheel dia.	125 MM
L.T. Drive	Twin Drive
Brake L.T.	EM disc brake
Limit Switch L.T.	Two Stage Operational Limit Switch
IP Protection L.T.	IP 55 with Brake IP54
Buffer type	Rubber
<b>Motor Data</b>	
Motors Type	3 Ph. SQ Cage Induction Motor
Motors Standard	ISO Standard
Motor Enclosure	IP 55
Cooling System	TEFC
Insulation Class	F Class
Temperature Rise	Class B
<b>Structure Data</b>	
Girder Specification	Complete Girder for the span of 14.8 Mtr. Along with the mounting plate the End carriage of the EOT crane will be manufactured in India. Girder will be duly painted.
Platform type	2 Short Platform Consider.
L.T. Rail	50 X 50 Rect. Sq. Bar. - Supplied By Client.
<b>Electrical accessories</b>	
Control Panel	<ul style="list-style-type: none"> <li>&gt; Contactor logic Control Panel</li> <li>&gt; Hoisting &amp; CT Control Panel will have mounted on Hoist.</li> <li>&gt; LT Control Panel will have mounted on End carriage.</li> <li>&gt; Sheet steel housing, powder coated, color Siemens Grey</li> <li>&gt; Disconnect switch 3-pole, lockable</li> <li>&gt; Cable entry via connector, reserve drillings are closed with blanking plugs</li> </ul>
IP Protection Panel	IP 54
Hoist Supply Type	Through Festoon System
L.T. Supply Type	Through Bus bar System-shrouded type 100A-GI
Current collector	1 Set. - Considered.
Hooter with flasher	1 Nos. - Considered.
Radio Remote	1 Nos. - Considered per Crane.



<b>Painting</b>	
Painting of Crane	Enamel (Golden Yellow RAL 1004) – or as per your RAL code requirement
Painting of Hoist	Epoxy (Orange/Black RAL 2004)

<b>Requirement 2</b>	
<b>Description</b>	<b>3 T Capacity- 14.8 M-Span- 10 M-HOL-SG-EOT Crane</b>
<b>Crane Data</b>	
Type of Crane	Single Girder EOT Crane
Application	Indoor
Area	Safe area (Non Hazardous)
Ambient Temperature	+45° C
Crane Capacity	3 Ton
Main Hoist Capacity	3 Ton
Span	14.8 Mtr.
Lift Height	10 Mtr.
Bay Length	35 Mtr.
Qty.	System 2 & Qty. 2 No., Total = 4 Nos.
Wheel Load (without impact)	~2.3 Ton x 4 Nos wheel
Crane Weight with Hoist	~3.4 Ton
Duty Group (Crane)	Class II / M5 Duty (As per IS Standard)
Girder Deflection	Span/750 (As per IS Standard) – IS 807-2006
Control	From Floor Through Independent Push Button Pendant
Supply Voltage	415 V (±5%), 3 Phase, 50 Hz (±2%)
Control Voltage	110 V AC
<b>Hoist Data</b>	
Type of Hoist	Wire Rope Hoist
Make & Country of origin	Sparkline, Make in India
Type of Grooved	Single Grooved
Model of Hoist	Highton
No of falls	4/1
Rope Dia.	08 mm, 6x36 Construction, Steel core, 1960 N/mm <sup>2</sup> Tensile strength
Rope Safety Factor	≥5
Type of Hook	C Type Single Shank with safety latch
Duty Group	M5 (As per ISO Standard)
Hoist Speed	5/0.5 M/Min. Double Speed VFD Control
Hoist Motor output	2.5 kW x 1 Nos
Brake Hoist	EM disc brake
Limit Switch Hoist	Rotary Limit switch + Gravity Limit Switch.
IP Protection Hoist	IP 55 with Brake IP54
<b>Cross Travel Data</b>	
C.T. Speed	25/2.5 M/Min. Double Speed VFD Control
C.T. Trolley Motor output	0.37 kW x 1 Nos



Radio Remote	1 Nos. – Considered per Crane.
Anti-Collision Device	1 Nos. – Considered per Crane.
<b>Painting</b>	
Painting of Crane	Enamel (Golden Yellow RAL 1004) – or as per your RAL code requirement
Painting of Hoist	Epoxy (Orange/Black RAL 2004)

<b>Requirement 4</b>	
<b>Description</b>	<b>5 T Capacity, 17 M-Span, 11 M-HOL-DG-EOT Crane</b>
<b>Crane Data</b>	
Type of Crane	Double Girder EOT Crane
Application	Indoor
Area	Safe area (Non Hazardous)
Ambient Temperature	+40° C
Crane Capacity	5 Ton
Main Hoist Capacity	5 Ton
Span	17 Mtr.
Lift Height	11 Mtr.
Bay Length	35 Mtr.
Qty.	System 1 & Qty. 1 No., Total = 1 Nos.
Wheel Load (without impact)	~4.8 Ton x 4 Nos wheel
Crane Weight with Hoist	~9.5 Ton
Duty Group (Crane)	Class II / M5 Duty (As per IS Standard)
Girder Deflection	Span/750 (As per IS Standard) – IS 807-2006
Control	From Floor Through Independent Push Button Pendant
Supply Voltage	415 V (±5%), 3 Phase, 50 Hz (±2%)
Control Voltage	110 V AC
<b>Hoist Data</b>	
Type of Hoist	Wire Rope Hoist
Make & Country of origin	Sparkline, Make in India
Type of Grooved	Single Grooved
Model of Hoist	Highton
No of falls	4/1
Rope Dia.	10 mm, 6x36 Construction, Steel core, 1960 N/mm <sup>2</sup> Tensile strength
Rope Safety Factor	≥5
Type of Hook	C Type Single Shank with safety latch
Duty Group	M5 (As per ISO Standard)
Hoist Speed	5/0.5 M/Min. Double Speed VFD Control
Hoist Motor output	4.9 kW x 1 Nos
Brake Hoist	EM disc brake



Limit Switch Hoist	Rotary Limit switch + Gravity Limit Switch.
IP Protection Hoist	IP 55 with Brake IP54
<b>Cross Travel Data</b>	
C.T. Speed	25/2.5 M/Min. Double Speed VFD Control
C.T. Trolley Motor output	0.37 kW x 1 Nos
C.T. Trolley Type	4 Wheel Design Trolley
C.T. Wheel dia.	125 mm
C.T. Drive	Single Drive
Brake C.T.	EM disc brake
Limit Switch C.T.	Two Stage Operational Limit Switch
IP Protection C.T.	IP 55 with Brake IP54
<b>Long Travel Data</b>	
L.T. Speed	35/3.5 M/Min. Double Speed VFD Control
L.T. Motor output	0.37 kW x 2 Nos.
End Carriage Type	4 Wheel Design Trolley
End Carriage Wheel base	3150 MM
End Carriage Wheel dia.	~250 MM ( Forged Wheel )
L.T. Drive	Twin Drive
Brake L.T.	EM disc brake
Limit Switch L.T.	Two Stage Operational Limit Switch
IP Protection L.T.	IP 55 with Brake IP54
Buffer type	Rubber
<b>Motor Data</b>	
Motors Type	3 Ph. SQ Cage Induction Motor
Motors Standard	ISO Standard
Motor Enclosure	IP 55
Cooling System	TEFC
Insulation Class	F Class
Temperature Rise	Class B
<b>Structure Data</b>	
Girder Specification	Complete Girder for the span of 17 Mtr. Along with the mounting plate the End carriage of the EOT crane will be manufactured in India. Girder will be duly painted.
Platform type	One Full + Two Short Platform.
L.T. Rail	LBS 50 - Rail Supplied By Client.
<b>Electrical accessories</b>	
Control Panel	> Contactor logic Control Panel > Control Panel will have mounted on cross girder at center of span.





	<ul style="list-style-type: none"> <li>&gt; Sheet steel housing, powder coated, color Siemens Grey</li> <li>&gt; Disconnect switch 3-pole, lockable</li> <li>&gt; Cable entry via connector, reserve drillings are closed with blanking plugs</li> </ul>
IP Protection Panel	IP 54
Hoist Supply Type	Through Festoon System
L.T. Supply Type	Through Bus bar System-shrouded type 100A-GI
Current collector	1 No. – Considered.
Hooter with flasher	1 No. – Considered.
Radio Remote	1 Nos. – Considered per Crane.
Anti-Collision Device	1 Nos. – Considered per Crane.
<b>Painting</b>	
Painting of Crane	Enamel (Golden Yellow RAL 1004) – or as per your RAL code requirement
Painting of Hoist	Epoxy (Orange/Black RAL 2004)

<b>Requirement 5</b>	
<b>Description</b>	<b>5 T Capacity, 23.2 M-Span, 11 M-HOL-DG-EOT Crane</b>
<b>Crane Data</b>	
Type of Crane	Double Girder EOT Crane
Application	Indoor
Area	Safe area (Non Hazardous)
Ambient Temperature	+40° C
Crane Capacity	5 Ton
Main Hoist Capacity	5 Ton
Span	23.2 Mtr.
Lift Height	11 Mtr.
Bay Length	~35 Mtr.
Qty.	System 1 & Qty. 1 No., Total = 1 Nos.
Wheel Load (without impact)	~6.0 Ton x 4 Nos. wheel
Crane Weight with Hoist	~14.5 Ton
Duty Group (Crane)	Class II / M5 Duty (As per IS Standard)
Girder Deflection	Span/750 (As per IS Standard) – IS 807-2006
Control	From Floor Through Independent Push Button Pendant
Supply Voltage	415 V (±5%), 3 Phase, 50 Hz (±2%)
Control Voltage	110 V AC
<b>Hoist Data</b>	
Type of Hoist	Wire Rope Hoist
Make & Country of origin	Sparkline, Make in India
Type of Grooved	Single Grooved



Model of Hoist	Highton
No of falls	4/1
Rope Dia.	10 mm, 6x36 Construction, Steel core, 1960 N/mm <sup>2</sup> Tensile strength
Rope Safety Factor	≥5
Type of Hook	C Type Single Shank with safety latch
Duty Group	M5 (As per ISO Standard)
Hoist Speed	5/0.5 M/Min. Double Speed VFD Control
Hoist Motor output	4.9 kW x 1 Nos.
Brake Hoist	EM disc brake
Limit Switch Hoist	Rotary Limit switch + Gravity Limit Switch.
IP Protection Hoist	IP 55 with Brake IP54
<b>Cross Travel Data</b>	
C.T. Speed	25/2.5 M/Min. Double Speed VFD Control
C.T. Trolley Motor output	0.37 kW x 1 Nos.
C.T. Trolley Type	4 Wheel Design Trolley
C.T. Wheel dia.	125 mm
C.T. Drive	Single Drive
Brake C.T.	EM disc brake
Limit Switch C.T.	Two Stage Operational Limit Switch
IP Protection C.T.	IP 55 with Brake IP54
<b>Long Travel Data</b>	
L.T. Speed	35/3.5 M/Min. Double Speed VFD Control
L.T. Motor output	0.55 kW x 2 Nos.
End Carriage Type	4 Wheel Design Trolley
End Carriage Wheel base	4000 MM
End Carriage Wheel dia.	~315 MM (Forged Wheel).
L.T. Drive	Twin Drive
Brake L.T.	EM disc brake
Limit Switch L.T.	Two Stage Operational Limit Switch
IP Protection L.T.	IP 55 with Brake IP54
Buffer type	Rubber
<b>Motor Data</b>	
Motors Type	3 Ph. SQ Cage Induction Motor
Motors Standard	ISO Standard
Motor Enclosure	IP 55
Cooling System	TEFC
Insulation Class	F Class
Temperature Rise	Class B



<b>Structure Data</b>	
Girder Specification	Complete Girder for the span of 23.2 Mtr. Along with the mounting plate the End carriage of the EOT crane will be manufactured in India. Girder will be duly painted.
Platform type	One Full + Two Short Platform.
L.T. Rail	LBS 50 - Rail Supplied By Client.
<b>Electrical accessories</b>	
Control Panel	<ul style="list-style-type: none"><li>&gt; Contactor logic Control Panel</li><li>&gt; Control Panel will have mounted on cross girder at center of span.</li><li>&gt; Sheet steel housing, powder coated, color Siemens Grey</li><li>&gt; Disconnect switch 3-pole, lockable</li><li>&gt; Cable entry via connector, reserve drillings are closed with blanking plugs</li></ul>
IP Protection Panel	IP 54
Hoist Supply Type	Through Festoon System
L.T. Supply Type	Through Bus bar System-shrouded type 100A-GI
Current collector	1 No. – Considered.
Hooter with flasher	1 No. – Considered.
Radio Remote	1 Nos. – Considered per Crane.
Anti-Collision Device	1 Nos. – Considered per Crane.
<b>Painting</b>	
Painting of Crane	Enamel (Golden Yellow RAL 1004) – or as per your RAL code requirement
Painting of Hoist	Epoxy (Orange/Black RAL 2004)



Maker List - if Applicable	
Hoist Motor	ABM/MGM/Nord
C.T. & L.T. Motor	Nord/Bonfiglioli
Wire Ropes	Usha Martin
Timers	GIC/EAPL
Cable (Flat)	Helu/Salzer
Panel Wire	Polycab/RR
Pendent	TER/Giovenzana
Terminal	Wago
Limit Switches-Rotary	Giovenzana/Schneider
Limit Switches-CT, LT	SOC/Schneider
VVVF Drives	ABB/Schneider/L&T
Steel	SAIL/Essar/Jindal
Bearings	SKF/FAG
Indication lamp	Schneider
Power and aux contractor	Schneider
Panel with contactor	Sparkline with Schneider
Busbar	Safetrack/Safeline



### Terms & Conditions:

#### 1. Basis of Offer

The subject Offer is compiled in reference to the details furnished in the RFQ Specifications and the Scope is as per the details furnished in our Offer.

#### 2. Price Basis

Prices quoted are For at Site, basis and are in Indian Rupees (INR).

#### 3. Terms of payment

##### Supply

40% of supply value as an advance along with the technically & commercially complete purchase order.  
60% of supply value and 100% of taxes as applicable at the time of delivery against Pro-forma invoice before dispatch.

→ 30% Advance against ABG valid for 25000  
→ 60% + 100% GST against Pro-forma Invoice after inspection at Sparkline.

##### Installation & Commissioning

50% of order value as an advance along with the technically & commercially complete purchase order.  
50% of order value and 100% of taxes as applicable at the time of invoicing after completion of the installation & commissioning.

→ 10% after commissioning against ABG valid for one year after commissioning.

#### 4. Delivery Terms and risk of Loss

The 5 Nos. (3 T Cap. = 4 Nos. & 5T Cap. = 1 nos.) System would be supplied 8 weeks after confirmed Purchase Order, Advance release and approved DAP drawing.

And remaining 5 Nos. (3 T Cap. = 4 Nos. & 5T Cap. = 1 nos.) System would be supplied 16 weeks after confirmed Purchase Order, Advance release and approved DAP drawing.

The complete System would be installed and commissioned in 4-6 weeks from the date of receipt of 100% materials at site and the readiness of site for commissioning.

If all deliveries shall be ex-works, then Risk of loss or damage shall be passed on to Buyer at the time goods are handed over to transporter.

#### Buyer will provide additional time for supply in case of force majeure, not limited to the below conditions:

- I) Delay due Covid -19 situation deterioration or other pandemic/ issues at manufacturing facilities at Europe (Hoist, Motor, PLC etc.) or fabrication factory at India (girder, Crab etc.)
- II) Delay due to manufacturing process issue as a result of Government measures to control covid-19 or other pandemic / issue at manufacturing facilities at Europe (Hoist, Motor, PLC etc.) or India (fabrication)
- III) Lockdown at local level or foreign countries or closure of air / ship transport intended for transportation of materials.

Liquidated damages, if any, will be applicable on the items that have not been supplied in the agreed timeline or in mutually accepted revised timeline.

#### 5. Packing

Inclusive.

→ 3rd party inspection from reputed agency at our site

#### 6. Taxes & Duties

GST, which are payable at actual rates applicable at the time of Invoice,  
TCS applicable and collectable Under Section 206C (1H) of Income Tax Act 1961.  
Sparkline GST No. 27AACCS5871L1ZU.  
HSN Code for Supply -84261100, SAC code for installation -998732 & for Freight -996601.

#### 7. Bank Details

Name of the Bank: STANDARD CHARTERED BANK  
Name of Beneficiary: SPARKLINE EQUIPMENTS PRIVATE LIMITED  
Bank A/c Number: 27005095139

Discussed with  
Mr. Subco2 and go ahead with  
same.  
12/10/21



IFSC: SCBL0036091

MICR: 411036003

8. **Warranty**

Domestic, 12 months from the date of commissioning or 18 months from the date of dispatch whichever is earlier, for any manufacturing defects. If during this period the product proves to be defective due to improper material or workmanship, Sparkline will arrange to repair/ replace the product free of charge subject to terms & conditions mentioned below:-

1. If Buyer modifies the equipment in any material manner without Sparkline's prior written approval and the modification is directly related to a subsequent problem, the warranty will become null and void.
2. The warranty remains in effect only if full & timely payment has been received by Sparkline against the supply of the equipment.
3. The warranty shall not cover any damages during transit, bad storage, misuse or mishandling of the equipment at client side
4. In case client start using the equipment without obtaining a signed off commissioning certificate from Sparkline the client will be solely liable for any damage occurred and cannot claim for warranty
5. In case if erection and commissioning is under scope of client then client cannot claim for any damage caused on account of improper installation
6. The warranty does not extend to Electronic, Electrical Parts, Wear & Tear Part.
7. In case of natural calamity such as lightening, fire accident, mishandling of equipment or any act of god which is beyond the scope of Sparkline, client cannot claim for warranty.

9. **Inspection**

Inspection will be carried out by Customer at Sparkline facility. All charges will be born by Customer. A week's notice would be given for carried out inspection at our works. If the customer is unable to depute their representative within call period, we shall carryout tests on Customer behalf as per QAP & submit our internal inspection reports.

10. **Testing**

Testing will be carried out at Sparkline facility as per QAP at no load trials. Actual load & other trials can be taken at your site with actual loads.

11. **Load Test Certification**

Load for Load Test will be on Customer Scope. Load Test Certification will be in Sparkline scope

12. **Training**

The installation price includes basic operator training after commissioning and during hand over of the crane.

13. **Photography or Video Recording**

We should be permitted to take the photographs and video recording of the system after the completion of the project while the system is in operations

14. **Advance**

~~Advance will not be refunded once order is placed and accepted.~~

*X NOT acceptable*

15. **Penalty**

We will not be in position to accept any penalty clause. However, we shall make every endeavor to supply the material within stipulated period without any undue delay. *X*

16. **Jurisdiction**

All the contracts referring this offer between buyer and seller are subject to Pune jurisdiction only.

17. **Force Majeure**



Annexure II  
Price Bid

#	Particulars for Supply Part	Qty.	UOM	Unit Price	Amount
1	3 Ton Capacity, 9.3 Mtr. Span, 10 Mtr. Height of Lift, Single Girder EOT Crane with Wire Rope Hoist. → DI220801926	2	Nos.	₹ 14,82,000 1,00,000 1,15,000	₹ 29,64,000 16,77,000
1.1	Busbar Shrouded - 100 Amp-G.I.	35	Mtr.	₹ 1,200	₹ 42,000
2	3 Ton Capacity, 14.8 Mtr. Span, 10 Mtr. Height of Lift, Single Girder EOT Crane with Wire Rope Hoist. → DI220701604	4	Nos.	₹ 16,93,000 1,00,000 1,45,000	₹ 67,72,000 8,38,000
2.1	Busbar Shrouded - 100 Amp-G.I.	35	Mtr.	₹ 1,200	₹ 42,000
3	3 Ton Capacity, 25.9 Mtr. Span, 10 Mtr. Height of Lift, Single Girder EOT Crane with Wire Rope Hoist.	2	Nos.	₹ 24,00,000	₹ 48,00,000
3.1	Busbar Shrouded - 100 Amp-G.I.	35	Mtr.	₹ 1,200	₹ 42,000
4	5 Ton Capacity, 17 Mtr. Span, 11 Mtr. Height of Lift, Double Girder EOT Crane With Hoist → DI220801929	1	Nos.	₹ 30,68,000 1,55,000 55,000	₹ 30,68,000 22,78,000
4.1	Busbar Shrouded - 100 Amp-G.I.	35	Mtr.	₹ 1,200	₹ 42,000
5	5 Ton Capacity, 23.2 Mtr. Span, 11 Mtr. Height of Lift, Double Girder EOT Crane With Hoist → DI22081928	1	Nos.	₹ 40,98,000 1,75,000 5,000	₹ 40,98,000 43,28,000
5.1	Busbar Shrouded - 100 Amp-G.I.	35	Mtr.	₹ 1,200	₹ 42,000
<b>Supply Sub Total without taxes</b>					<b>₹ 2,19,12,000</b>

#	Particulars for Installation Part	Qty.	UOM	Unit Price	Amount
1	Installation and commissioning for above 3 T SG EOT crane.	2	Nos.	₹ 1,00,000	₹ 2,00,000
1.1	Installation and commissioning of LT Rails	70	Mtr.	₹ 500	₹ 35,000
1.2	Installation and commissioning of Busbar	35	Mtr.	₹ 500	₹ 17,500
2	Installation and commissioning for above 3 T SG EOT crane.	4	Nos.	₹ 1,00,000	₹ 4,00,000
2.1	Installation and commissioning of LT Rails	70	Mtr.	₹ 500	₹ 35,000
2.2	Installation and commissioning of Busbar	35	Mtr.	₹ 500	₹ 17,500
3	Installation and commissioning for above 3 T SG EOT crane.	2	Nos.	₹ 1,00,000	₹ 2,00,000
3.1	Installation and commissioning of LT Rails	70	Mtr.	₹ 500	₹ 35,000
3.2	Installation and commissioning of Busbar	35	Mtr.	₹ 500	₹ 17,500
4	Installation and commissioning for above 5T DG EOT crane.	1	Nos.	₹ 1,55,000	₹ 1,55,000
4.1	Installation and commissioning of LT Rails	70	Mtr.	₹ 500	₹ 35,000
4.2	Installation and commissioning of Busbar	35	Mtr.	₹ 500	₹ 17,500
5	Installation and commissioning for above 5T DG EOT crane.	1	Nos.	₹ 1,75,000	₹ 1,75,000
5.1	Installation and commissioning of LT Rails	70	Mtr.	₹ 500	₹ 35,000
5.2	Installation and commissioning of Busbar	35	Mtr.	₹ 500	₹ 17,500
<b>Installation Sub Total without taxes</b>					<b>₹ 13,92,500</b>

<b>Grand Total without taxes (Supply + Installation)</b>					<b>₹ 2,33,04,500</b>
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### **Sparkline Scope**

- > Crane Design.
- > Submission of GA drawings for approval.
- > Manufacturing & Supply of complete crane.
- > Design & Supply of DSL System & LT Rail.
- > Packing & Loading of the material at Sparkline Works.
- > Erection & Commissioning of Cranes at site.
- > Labor Travel, accommodation, travel etc.
- > Load Test Certification. (Load test will be carried out at customer Site)
- > Erection Platform & Lifting Equipment – Hydra, Farana, scaffolding etc.
- > Transportation of the material at site.
- > Unloading the material on site.

### **Customer Scope**

- > All the civil work if required.
- > Approval of Crane GA Drawings.
- > Column Mounted Structure for above crane.
- > Isolator and power cable from isolator to DSL feeding point with accessories.
- > Electrical cabling from PDB up to Isolator-Switch.
- > Organizing Unobstructed Workspace in the building at the site of Erection.
- > Sufficient space to store Supplied Material during I&C with security at Site.
- > Permanent visiting pass which should be valid for 2 shifts.
- > Utility (Compressed Air, Electric Power & Drinking Water) during Installation & Commissioning Work.
- > Any idle time for the purpose of testing/Medical shall be in customer scope paid on per man day basis.
- > Test Load Arrangement at site along with accessories for conducting Load Test.
- > All medical expense / testing of personals employed in customer scope.





Offer No. : 010301-R1-2223  
Offer Date : 12.09.2022.  
Rev.01 Offer Date : 28.09.2022.

To,  
M/s. Jindal Aluminium Ltd.  
Bhiwadi, Rajasthan.

Kind Attn. : Mr. Satyam Paliwal.

Subject : Offer for SG & DG EOT Crane Systems with Wire rope hoist.

Dear Sir,

We thank you very much for the valued inquiry for said subject; are pleased to submit our techno-commercial offer for your requirement in accordance with Sparkline General Terms and Conditions.

Our offer is based on the details furnished by you and your technical team. It consists of the following sections:

We would request you to evaluate the same and should you require any clarifications on our offer, we would be happy to provide the same.

Looking forward to a fruitful & mutually beneficial long-term association with your esteemed organization.  
Thanking you and assuring you of our best attention always.

#### SPARKLINE UNIT MATERIAL HANDLING SYSTEMS

- ✓ Overhead Cranes.
- ✓ Underslung Cranes
- ✓ Gantry/Goliath Cranes.
- ✓ Jib Cranes.
- ✓ Light Weight Rails Systems.
- ✓ With Allied Structure.
- ✓ With allied 2<sup>nd</sup> Utility.

Thanking you,

Yours faithfully,

For, Sparkline Equipment's Pvt. Ltd.

Suboor Pilot

+91 7428224495

[subcor.p@sparkline.co.in](mailto:subcor.p@sparkline.co.in)



Jindal Aluminium Limited  
Bhiwadi Division  
BHIWADI - 301019

PURCHASE INDENT

Format : JALRMD/STO/F/M

Indent No : DI220701604

P-TYPE : P2

Status : **PROCUREMENT**

Please supply/procure the following materials

S.No	Description & Make Spl Description	/P- TYPE	Justification	CAPITAL EXPENSE		Expected Date/ Urgency/Brand/ CMD Approved
				Stock on hand	To be Purchased	
1	08090235 DESIGN, FABRICATION, SUPPLY , ERECTION AND COMMISSIONING OF 3 TON CAPACITY SINGLE GIRDER CRANE Spl Desc:WHEEL CENTRE DISTANCE - 14880MM; LONG TRAVEL - 110 MTR; HEIGHT OF LIFT - 7MTRS	P2	CENTRALIZE AGING BAY 1 & 2/IMMEDIATE USE DI220801926	0.00	NCS 4.00	30-Jul-2022 N N N
			P00006201410 EXTURSION PLANT/DEVELOPMENT 02-Aug-2022		2.00	DEVELOPMENT 3600000.00
			<b>Total</b>		<b>2.00</b>	

\*\* If it is Urgent indicate accordingly

Indent by : SATYAM PALIWAL

Approved By :

Head of Dept : SATYAM PALIWAL

Store Manager's Remarks & Signature

Approximate Value 3600000.00

Indent No : DI220701604

P-TYPE : P2

Status : **PROCUREMENT**

Please supply/procure the following materials

S.No	Item Code	Description & Make Spl Description	P-TYPE	CAPITAL EXPENSE		Expected Date/ Urgency/Brand/ CMD Approved
				Justification	----- Q U A N T I T Y -----	
				Stock on hand	To be Purchased	

Indent Date : 14-Jul-2022

Department : DEVELOPMENT

Indent Type : DEPARTMENT

**BELOW IS THE REMARKS GIVEN BY CONCERNED DURING APPROVAL.**

USER NAME	STATUS	DATE	REMARKS
SATYAM PALIWAL	Approved	14-Jul-22	FOR NEW CENTRALIZE AGING BAY 1 & 2
SATYAM PALIWAL	Approved	14-Jul-22	FOR APPROVAL
DEVENDRA KUMAR SAIN	Approved	16-Jul-22	OK
DHIRAJ SINGH	Approved	17-Jul-22	okay
VCMD	Approved	18-Jul-22	Approved
SEETHARAM	Approved	18-Jul-22	ok
BWDPUR	Approved	19-Jul-22	ok