Annexure 1

Scope of Work for Twin path fibre slings:

A. Line Item

1) TWIN PATH FIBRE SLING - 5 T WITH ANTI CUTTING SLEEVE Qty.- 4 Nos

i. Capacity: 5 Ton
ii. Type: Eye to Eye effective length: 10 mtrs
iii. Width: 100 mm

2) TWIN PATH FIBRE SLING - 10 T WITH ANTI CUTTING SLEEVE Qty.- 4 Nos

i. Capacity: 10 Ton
ii. Type: Eye to Eye effective length: 10 mtrs
iii. Width: 100 mm

3) TWIN PATH FIBRE SLING - 20 T WITH ANTI CUTTING SLEEVE Qty - 4 Nos

i. Capacity: 20 Ton
ii. Type: Eye to Eye effective length: 10 mtrs
iii. Width: 120 mm

4) TWIN PATH FIBRE SLING - 25 T WITH ANTI CUTTING SLEEV Qty.- 4 Nos

i. Capacity: 25 Ton
ii. Type: Eye to Eye effective length: 10 mtrs
iii. Width: 120 mm

B. Additional Features & Detailed Technical specification for Twin Path Fiber Slings (For above Line items 1 to 4 of A):

The fiber rope slings covered by this document are intended for general purpose lifting operations only, i.e when used for lifting objects, materials or goods which require no deviations from the requirements, design factors, or work load limits specified.

1. All the sling shall have eyes at both ends
2. All the sling shall have two separate independent path (Twin path) for 100% backup
3. The factor of Safety (FOS) for all the 7:1
4. Each sling shall have two covers (inner and outer covers). Inner cover shall be made of polyester and outer cover shall be made of high abrasion resistance cover (COVERMAX). The inner cover shall be of contrast (RED COLOUR) in colour w.r.t. that of outer cover, for easy visual indication in case outer cover is damaged and covermax cover should protect inside yarn from ultraviolet (UV) as well as sunlight.
5. All the slings shall have check fast system
6. All the slings shall have fiber optic cable run through entire length of sling for inspecting the continuity as part of regular inspection
7. Elongation should be less than 1% at rated capacity & and at break 3.8 %
8. All the slings shall have follow Rifled Cover Technology process for increased strength to weight ratio & more consistent predictable breaking strength
9. K-spec fibre weight should be less than ¼ of polyester fibre
10. All the slings shall have surface resistivity measurement 5.34 X (10)^9 as antistatic property .
11. All the slings confirm to specification ASME B30.9-2003
12. All the slings should test SWL X 2
13. Fiber used in the slings need to submit the report.

14. Break load test report need to submit calming safety factor of similar type slings of smaller capacity (2 Ton x 2 Mtrs).
15. Each slings identification Tag should be made of leather & covered in abrasive sleeves cover to protect from abrasion.
16. OEM authorized certificate compulsory.
17. Inspection and Certificates the firm should submit: -
    i) Test certificate of the raw materials used.
    ii) Load Test Certificate certified by Govt. approved competent authority.
    iii) Operation manual indicating safety checks methods.
18. Guarantee/ warrantee - 12 months guarantee/warrantee from the date of commissioning

Annexure 2

Tender No:… ……

Bidder should fill below details:

Bidder should specify offered Machine details:

i) Make: _____ ii) Model: _____

Instruction for Filling the Sheet:

- Column No. 1- Represent the Sr No of Technical requirements as listed in Annexure-1.
- Column No: 1 & 2 are prefilled. Hence, no action is required from Bidder.
- Column No 3: Bidder shall make remark against each technical requirement (as Confirmed/ Agreed/ Accepted/ Not Accepted/Deviation) pointwise.
- Column No 4: Bidder shall attach documentary evidence against each technical requirement (wherever applicable) to support their remark.

Document may be in the form of catalogue, past experience certificate, accreditation certificates etc. to establish their competency to achieve MDL's Tech requirements & standards. In this Column No. 4, the bidder has to specify Document/File Name and Number of the attachment for traceability purpose.

1	2	3	4
Sr.No as per Annexure-1 of Tender	Details	Remark (Confirmed/ Agreed/Accepted/Not Accepted/ Deviation)	Supporting Docs (Attached /Not Applicable)
A	**Line Item**		
1 (i)	As per Annexure-1 of Tender Doc.		
1 (ii)	As per Annexure-1 of Tender Doc.		
1 (iii)	As per Annexure-1 of Tender Doc.		
2 (i)	As per Annexure-1 of Tender Doc.		
2 (ii)	As per Annexure-1 of Tender Doc.		
2 (iii)	As per Annexure-1 of Tender Doc.		
3 (i)	As per Annexure-1 of Tender Doc.		
3 (ii)	As per Annexure-1 of Tender Doc.		
3 (iii)	As per Annexure-1 of Tender Doc.		
4 (i)	As per Annexure-1 of Tender Doc.		
4 (ii)	As per Annexure-1 of Tender Doc.		
4 (iii)	As per Annexure-1 of Tender Doc.		

B	**Additional Features & Detailed Technical specification**		
1.	As per Annexure-1 of Tender Doc.		
2.	As per Annexure-1 of Tender Doc.		
3.	As per Annexure-1 of Tender Doc.		
4.	As per Annexure-1 of Tender Doc.		
5.	As per Annexure-1 of Tender Doc.		
6.	As per Annexure-1 of Tender Doc.		
7.	As per Annexure-1 of Tender Doc.		
8.	As per Annexure-1 of Tender Doc.		
9.	As per Annexure-1 of Tender Doc.		
10.	As per Annexure-1 of Tender Doc.		
11.	As per Annexure-1 of Tender Doc.		
12.	As per Annexure-1 of Tender Doc.		
13.	As per Annexure-1 of Tender Doc.		
14.	As per Annexure-1 of Tender Doc.		
15.	As per Annexure-1 of Tender Doc.		
16.	As per Annexure-1 of Tender Doc.		
17 (i).	As per Annexure-1 of Tender Doc.		
17 (ii).	As per Annexure-1 of Tender Doc.		
17 (iii).	As per Annexure-1 of Tender Doc.		
18.	As per Annexure-1 of Tender Doc.		