

<u>TECHNICAL SPECIFICATIONS</u>			
Name of Work		“Tender for “Supply of Galvanized Steel Wire Ropes for DCI DREDGERS - XI, XVII & XIX”	
Tender reference		Tender No.: DCI/ERO-KOL/MAT/ST/WIRE ROPES/2024-25/T-01, Date:13.06.2024, due on 13.06.2024 at 1500hours.	
S No	Description	Length in Mtr	No. of Coils (A)
1	WIRE ROPE,22MM, RHO, 29MTRS GALVANISED STEEL WIRE ROPES OF DIAMETER: 22MM, CONSTRUCTION: 6X36, CORE: IWRC, TS:1960 N/SQ.MM, LAY: RHO/LHO WITH MANUFACTURERS TEST CERTIFICATE AND IDLR or IRS APPROVED TEST CERTIFICATES.	29	4
2	WIRE ROPES 36MM 72 MTRS GALVANISED STEEL WIRE ROPES OF DIAMETER: 36MM, CONSTRUCTION: 6X36, CORE: IWRC, TS:1960 N/SQ.MM, LAY: RHO/LHO WITH MANUFACTURERS TEST CERTIFICATE AND IDLR or IRS APPROVED TEST CERTIFICATES.	72	4
3	WIRE ROPE 40MM, 54 MTRS GALVANISED STEEL WIRE ROPES OF DIAMETER: 40MM, CONSTRUCTION: 6X36, CORE: IWRC, TS:1960 N/SQ.MM, LAY: RHO/LHO WITH MANUFACTURERS TEST CERTIFICATE AND IDLR or IRS APPROVED TEST CERTIFICATES.	54	4
4	PUMP ROOM CRANE WIRE ROPE, DIA=10 MM, LENGTH=100 MTRS, CONSTRUCTION: 6X36SW, TS: 1770 N/MM2, CORE=IWRC, WITH MANUFACTURERS TEST CERTIFICATE AND IDLR or IRS APPROVED TEST CERTIFICATES.	100	2
	BOW COUPLING WIRE (DIA - 30MM, LENGTH- 100 MTR), CONSTRUCTION 6 X 36, RHO, TENSILE STRENGTH 1770 N/MM2, STANDARD THIMBLE EYE BOTH END (MECHANICALLY SPLICED), WITH MANUFACTURERS TEST CERTIFICATE AND IDLR or IRS APPROVED TEST CERTIFICATES.	100	1
6	GALVANISED WIRE ROPE 16MM,125 MTRS (TS: 2160 N/MM2), CONSTRUCTION - 6X36 IWRC - PYTHON COMPASS, TS: 216 N/MM2, RHO, SUITABLE WITH PYTHON CONSTRUCTION. WITH MANUFACTURERS TEST CERTIFICATE AND IDLR or IRS APPROVED TEST CERTIFICATES.	125	2
7	HOOK WIRE (CRANE LIFTING WIRE) D=20MM L=86.5Mtr., WITH MANUFACTURERS TEST CERTIFICATE AND IDLR or IRS APPROVED TEST CERTIFICATES.	86.5	2
8	ACCOMMODATION LADDER WIRE ROPE ,DIA =10 MM LENGTH = 40 MTRS,TENSILE GRADE =1770 N/MM2,CONST =6X36,WIRE FINISH =GALVANISED,LAY =RIGHT HAND ORDINARY,TYPE OF CORE =IWRC,MIN BREAKING FORCE = 63 KN WITH MANUFACTURERS TEST CERTIFICATE AND IDLR or IRS APPROVED TEST CERTIFICATES.	40	2

9	GALVANISED STEEL WIRE ROPES OF DIAMETER: 32MM, 44 MTRS, CONSTRUCTION: 6X36, CORE: IWRC, TS:1960 N/SQ.MM, LAY: RHO WITH MANUFACTURERS TEST CERTIFICATE AND IDLR or IRS APPROVED TEST CERTIFICATES.	44	2
10	GALVANISED STEEL WIRE ROPES OF DIAMETER: 32MM, 63 MTRS., CONSTRUCTION: 6X36, CORE: IWRC, TS:1960 N/SQ.MM, LAY: RHO/LHO WITH MANUFACTURERS TEST CERTIFICATE AND IDLR or IRS APPROVED TEST CERTIFICATES.	63	2
11	GALVANISED STEEL WIRE ROPE 22MM, 28 MTRS. RHO (IWRC), CONSTRUCTION 6X36, GRADE:1960 N/Sq.MM, OF 22MM 28 MTRS. WITH MANUFACTURERS TEST CERTIFICATE AND IDLR or IRS APPROVED TEST CERTIFICATES..	28	2
12	WIRE ROPE FOR LIFE BOST (P&S) GALVANISED, GREASED, NON ROTATING, DIA 15 MM, LENGTH : 125 MTR, MIN BREAKING LOAD - 178 KN, GALVANISED STEEL WIRE ROPES OF DIAMETER: 15MM, CONSTRUCTION: VS35, CORE: WSC, TS: 1960 N/SQ.MM, LAY: LANG RIGHT WITH MANUFACTURERS TEST CERTIFICATE AND IDLR or IRS APPROVED TEST CERTIFICATES.	125	2
13	ACCOMODATION LADDER WIRE ROPE, 09MM ,6X36 , L-53 MTRS, TYPE OF LAY: RHOL CORE-IWRC TENSILE GRADE: 1960 N/MM2, BREAKING STRENGTH: 56.50KN, NOTE: WIRE ROPE SLING FUSED & TAPERED ONE END C/W SOLID THIMBLE OTHER END TO TAKE PIN OF DEE SHACKLE) WITH MANUFACTURERS TEST CERTIFICATE AND IDLR or IRS APPROVED TEST CERTIFICATES.	53	2