

NATIONAL ALUMINIUM COMPANY LIMITED

(A Govt. of India Enterprise)

Bauxite Mines

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TO:

RFQ No./Date: 6000063063 / 20.12.2024
Contact Person/Telephone: Rakesh sahou / 9007734710
Purchase Group: 101
Quotation Deadline Date: AS PER GEM BID DOCUMENT
Quotation Submission Time: AS PER GEM BID DOCUMENT
Delivery Date:
Collective No.: E-107502

SL. NO.	Material Code HSN Code	MATERIAL DESCRIPTION	UNIT OF MEASURE	QUANTITY
1	82007002070	3CX1.5 SQMM MULTISTRND FLEXIBLE CU CABLE 3 CORE 1.5 SQMM 1.1KV GRADE SCREEN COPPER CABLE 3 X 1.5SQ MM MULTISTRANDED PVC INSULATED ARMOURED COPPER CONDUCTOR MAINS CABLE CONFIRMING TO IS 1554. THE MINIMUM SINGLE LENGTH OF THE CABLE 100 MTRS. TOLERANCE +/- 5% OF SINGLE LENGTH AS WELL AS TOTAL LENGTH IS ACCEPTABLE. COPPER CONDUCTOR CABLES. NO OF ELEMENT.03 CORE. CONDUCTOR 1.5 MM ² ,7 STRAND ABC. INSULATION TYPE-C,PVC 0.6 MM SHIELD OVERALL(AL-MYLAR & DRAIN WIRE) INEER SHEATH.ST-1,PVC 1.0MM ARMOUR GI WIRE 1.0MM OUTER SHEATH .ST-2 PVC 1.2 MM CABLE TYPE. 3 CORE DIA UNDER ARMOUR 8.40 MM +/- 1 MM DIA OVER ARMOUR 10.60 MM +/- 1 MM OVERALL DIA 13 MM +/-1 MM. BENDING RADIOUS 104 MM +/- 1MM CORE R OHM/KM= 12.80 +/- 10% C PF/MTR MAX. 250 L MICRO H. MTR MAX1.20 L/R MICRO H/ OHM MAX 40 WEIGHT PER KM APPRX 383 KG 1.1KV grade flexible power cable ,Multi strand copper conductor (class-2), PVC insulated , Extruded FRLS PVC ST_3 outer sheathed conforming to IS:694:2010 Nominal cross sectional area of the conductor-1.5 Sqmm Number of core-3 Shape of conductor-Stranded conductor material-Plain copper complying with IS:8130:1984 latest Type of insulation-D pvc compound shall conforming to IS:5831:1984 latest. Shape of the conductor-stranded colour coding-Red,Black,Green identification and Marking on the cable-As per Cl.15 of IS : 694:2010.ISI mark shall be embossed on every meter of the cable. paking- 200 mtr cable to be supplied with a non returnable wooden/fibre drum .(+/-)5% tolerance in cable length is acceptable. Certification-Submission of type test report from central government/NABL accredited test laboratory to prove conformity to the specification at the time of tender. All relevant test reports and certificates shall submit by the supplier at the time dispatch of the material. NB-GTP of the offered cable must be submit by the Bidder at the time of submission of tender document.	M	2,000
2	82003054040	CU. CABLE 101 KV 3CX2.5 SQMM PVC CU. CABLE 101 KV 3CX2.5 SQMM PVC 2.5 SQ MM,3 CORE COPPER FLEXIBLE CABLE OF STRANDED SHAPE,CONFORMING TO IS694/ 1990,PVC INSULATED,1.1 KV	M	2,000

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		<p>GRADE.CORES ARE CODED IN RED,BLACK &GREEN COLOUR FOR EASE IDENTIFICATION AND THE SHEATHING PROVIDED WITH SPECIALLY FORMULATED PVC COMPOUND TO RESIST MECHANICAL ABRASION. MAKE-FINOLEX/FINECAB/EVERSHINE KDK ONLY.</p> <p>1.1KV grade Flexible power cable ,Multi strand copper conductor(class-2), PVC insulated , Extruded FRLS PVC ST_3 outer sheathed conforming to IS:694 latest amendment</p> <p>1) Nominal cross sectional area of the conductor-2.5 Sqmm 2) Number of core-3 3) Shape of conductor-Stranded 4) conductor material-Plain copper complying with IS:8130:1984 latest 5) Type of insulation-D pvc compound shall conforming to IS:5831:1984 latest. 6) Shape of the conductor-stranded 7) colour coding-Red,Black,Green identification and Marking on the cable-As per Cl.15 of IS : 694.ISI mark shall be embossed on every meter of the cable.</p> <p>packing- 200 mtr cable to be supplied with a non returnable wooden/fibre drum .(+/-)5% tolerance in cable length is acceptable.</p> <p>Certification-Submission of type test report from central government/NABL accredited test laboratory and BIS approval of the product to be submitted to prove conformity to the specification at the time of tender.</p> <p>All relevant routine test reports and certificates shall submit by the supplier at the time dispatch of the material.</p> <p>NB-GTP and QAP of the offered cable must be submit by the Bidder at the time of submission of tender document.</p> <p>NALCO reserves the right to witness the routine and acceptance test as per relevant IS standard on physical/ virtual mode for which 15 days prior notice to be given by bidder.</p>		
3	69986012650	4CX2.5MM2 FLEXIBLE CU PVC CABLE 1.1KV	EA	500
		<p>3 MTR LONG 4 CORE PVC CABLE 660/1100V CONDUCTOR-2.5MMSQ WITHFITTING 3 MTR LONG 4 CORE FLEXIBLE PVC INSULATED CABLE 660/1100V STANDED COPPER CONDUCTOR SIZE: 2.5 MM SQ FITTED WITH FOLOWINGS:- BCH MAKE PLUG 500 V AC 30 A 3P + E CAT NO 217D AT ONE END OF THE CABLE OTHER END FITTED WITH FLAT TYPE PLUG 440V AC 3P + E 25 AMP WITH BACKLITE INSULATED WITH FEMALE BRASS SOCKETS COMPLETE WITH 3.5 MTR LONG 3 CORE FLEXIBLE PVC INSULATED CABLE STRANDED COPPER CONDUCTOR SIZE 1.5 MM SQ FITTED WITH PLUG 3 PIN TYPE FOR THERMOSTAT CONNECTION BETWEEN HEATING PLATEN AND TEMPERATURE CONTROL BOX PT NO:'B '.DRG NO.700 VULCANISER WH SL NO.1552 (DATTAR)</p> <p>1.1KV grade Flexible power cable ,Multi strand copper conductor(class-2), PVC insulated , Extruded FRLS PVC ST_3 outer sheathed conforming to IS:694:2010</p> <p>1) Nominal cross sectional area of the conductor-4 Sqmm 2) Number of core-4 3) Shape of conductor-Stranded 4) conductor material-Plain copper complying with IS:8130:1984 latest 5) Type of insulation-D pvc compound shall conforming to IS:5831:1984 latest. 6) Shape of the conductor-stranded</p>		

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		<p>7) colour coding-Red, Yellow, Blue, Black.</p> <p>8) identification and Marking on the cable-As per Cl.15 of IS : 694 latest amendment. ISI mark shall be embossed on every meter of the cable.</p> <p>9) packing- 100 mtr cable to be supplied with a non returnable wooden/fibre drum .(+/-)5% tolerance in cable length is acceptable.</p> <p>Certification-Submission of type test report from central government/NABL accredited test laboratory to prove conformity to the specification at the time of tender.</p> <p>All relevant test reports and certificates shall submit by the supplier at the time dispatch of the material.</p> <p>NB-GTP of the offered cable must be submit by the Bidder at the time of submission of tender document.</p>		
4	35004002040	3CX2.5 SQ.MM CU.ARMoured PVC CTRL.CABLE	M	1,000
		<p>3C X 2.5 SQ.MM, 1100V/650 CU.ARMoured PVC CONTROL CABLE</p> <p>1100/650 V STRANDED COPPER ARMoured PVC CONTROL CABLE 3 CORE X 2.5 MM CONFORMING IS: 1554 ALL THE THREE CORES SHOULD BE OF RED, YELLOW AND BLUE COLOR RESPECTIVELY.</p> <p>1.1KV grade armoured power cable ,Multi strand copper conductor, XLPE insulated ,PVC outer sheathed conforming to IS 7098 Part-1.</p> <p>1) Nominal cross sectional area of the conductor-2.5 Sqmm 2) Number of core-3 3) Armouring-Galvanized round steel wire armoured. 4) Armouring type-single wire 5) Shape of conductor-Stranded 6) conductor material-Plain copper complying with IS:8130:1984 latest 7) Type of insulation-cross linked polythene and XLPE insulated PVC outer sheathed conforming to IS 7098 part-1, latest amendment 8) colour coding-Red, Black and Green 9) identification and Marking on the cable- in addition to marking requirement as per relevant specification, sequential marking for length, size and type of cable and ISI mark shall be embossed on every meter of the cable. 10) packing- 1000 mtr cable to be supplied with a non returnable wooden drum .(+/-)5% tolerance in cable length is acceptable.</p> <p>Certification-Submission of type test report from central government/NABL accredited test laboratory and BIS approval of the product to be submitted to prove conformity to the specification at the time of tender.</p> <p>All relevant routine test reports and certificates shall submit by the supplier at the time dispatch of the material.</p> <p>NB-GTP and QAP of the offered cable must be submit by the Bidder at the time of submission of tender document.</p> <p>NALCO reserves the right to witness the routine and acceptance test as per relevant IS standard on physical/ virtual mode for which 15 days prior notice to be given by bidder.</p>		

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5	35001039520	4C X 10 SQ.MM PVC ALU. ARMOURED CABLE	M	500
		<p>CABLE SIZE: 4X10 SQ.MM.</p> <p>1.1KV grade Armoured aluminium power cable XLPE Insulated, PVC sheathed, conforming to IS:1554 latest amendment and with following specifications</p> <p>1.Nominal cross sectional area of the conductor: 10 Sq mm</p> <p>2.Number of core-4</p> <p>3.Shape of conductor-Stranded and sector shaped</p> <p>4.Conductor material-Aluminium complying with IS:8130:1984 latest</p> <p>5.Type of insulation- XLPE</p> <p>6.Armouring: Single layer galvanized steel round wire</p> <p>7.Inner sheath and PVC outer sheath as per IS 1554</p> <p>8.Colour coding-Red,Yellow,blue and black</p> <p>9.Identification and Marking on the cable Voltage rating, type of cable, sequential per meter as well as ISI mark to be embossed.</p> <p>10.Packing- 500 mtr. cable to be supplied with a non returnable wooden/fibre drum .(+/-)5% tolerance in cable length is acceptable.</p> <p>Certification-Submission of type test report from central government/NABL accredited test laboratory to prove conformity to the specification at the time of tender as well as BIS certificate.</p> <p>All relevant routine test reports and certificates as per IS 1554 shall be submit by the supplier at the time dispatch of the material.</p> <p>NB-GTP and QAP of the offered cable must be submit by the Bidder at the time of submission of tender document.</p> <p>NALCO reserves the right to witness the routine and acceptance test certificate on physical/ virtual mode. Bidder to give atleast 15 days prior notice for the same.</p> <p>Materials to be guaranted for 18 months from supply.</p>		
6	82001113040	1.1KV GR4CX16MM SQ PVC AL ARMD CABLE	M	500
		<p>4X16SQ.MM ARMOURED AL. PVC CABLE TC0749</p> <p>4C X 16 SQ. MM. PVC INSULATED CABLE STRANDED SHAPED ALUMINIUM CONDUCTOR, PVC (TYPE-A)INSULATED,COLOUR CODED(REDF YELLOW,BLUE,BLACK),CORES LAID UP.,INNER SHEATHED OF WRAPPED THERMOPLASTIC TAPE, DOUBLE WIRE ARMOURED WITH TAPE SEPARATOR & SHEATHED OVERALL WITH BLACK PVC(TYPE- ST1),1.1KV,CONFORMING TO IS:1554(PART-1) MAKE-FINOLEX/RAVIN/FORTGLOSTER/NICCO HAVELLS ONLY.</p> <p>1.1KV grade Armoured aluminium power cable XLPE Insulated, PVC sheathed, conforming to IS:1554 latest amendment and with following specifications</p> <p>1.Nominal cross sectional area of the conductor: 16 Sq mm</p> <p>2.Number of core-4</p>		

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		<p>3.Shape of conductor-Stranded and sector shaped</p> <p>4.Conductor material-Aluminium complying with IS:8130:1984 latest</p> <p>5.Type of insulation- XLPE</p> <p>6.Armouring: Single layer galvanized steel round wire</p> <p>7.Inner sheath and PVC outer sheath as per IS 1554</p> <p>8.Colour coding-Red,Yellow,blue and black</p> <p>9.Identification and Marking on the cable Voltage rating, type of cable, sequential per meter as well as ISI mark to be embossed.</p> <p>10.Packing- 500 mtr. cable to be supplied with a non returnable wooden/fibre drum .(+/-)5% tolerance in cable length is acceptable.</p> <p>Certification-Submission of type test report from central government/NABL accredited test laboratory to prove conformity to the specification at the time of tender as well as BIS certificate.</p> <p>All relevant routine test reports and certificates as per IS 1554 shall be submit by the supplier at the time dispatch of the material.</p> <p>NB-GTP and QAP of the offered cable must be submit by the Bidder at the time of submission of tender document.</p> <p>NALCO reserves the right to witness the routine and acceptance test certificate on physical/ virtual mode. Bidder to give atleast 15 days prior notice for the same.</p> <p>Materials to be guaranted for 18 months from supply.</p>		
7	82002090540	1.1 KV 3.1/2 C X 25SQMM AL. ARMOUR CABLE	M	2,000
		<p>1100 VOLT GRADE,3.5X 25 SQ MM L.T ARMoured POWER CABLE WITH STRANDED EC GRADE ALUMINIUM CONDUCTOR , PVC INSULATED (TYPE-A) COLOUR CODED,LAID UP,WITH FILLER PROVIDED WITH EXTRUDED PVC INNER SHEATH ,SINGLE GALVANISED STEEL ROUND WIRE ARMoured AND PROVIDED WITH PVC OUTER SHEATH.BOTH INNER AND OUTER SHEATHS SHALL BE OF TYPE ST-1 AND CABLE SHALL BE CONFORMING TO IS:1554(PART-1)</p> <p>NB-UNLESS OTHERWISE SPECIFIED ELSE WHERE IN THIS SPECIFICATION,THE RATING AS WELL AS PERFORMANCE AND TESTING OF THE CABLE SHALL BE CONFORM TO THE LATEST REVISIONS AVAILABLE AT THE TIME OF PLACEMENT OF ORDER OF ALL THE RELEVANT STANDARDS AS MENTIONED BUT NOT LIMITED TO THE ABOVE .</p> <p>SEQUENTIAL MARKING-THE FOLLOWING PARTICULARS SHALL BE PROPERLY LEGIBLE ON THE CABLE SHEATH AT INTERVAL OF ONE METER THROUGH OUT THE LENGTH OF THE CABLE. MANUFACTURES NAME,VOLTAGE GRADE YEAR OF MANUFACTURE,NALCO,SUCCESSIVE LENGTH,SIZE OF CABLE,ISI MARK</p> <p>PACKING- CABLE SHALL BE SUPPLIED IN STANDARD LENGTH OF 500 MTRS WITH +/- 5% TOLERANCE IN A NON RETURNABLE WOODEN / PLASTIC DRUM. THE CABLE DRUM SHALL CARRY THE FOLLOWING INFORMATION- LENGTH OF CABLE,TYPE OF CABLE AND VOLTAGE GRADE,SIZE OF CABLE, YEAR OF MANUFACTURE.</p> <p>QAP-THE BIDDER SHALL ENCLOSE THE QAP ALONG WITH OFFER.NALCO MAY ITS OPTION ORDER THE VERIFICATION OF THESE PLANS AT MANUFACTURERS WORKS AS A</p>		

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		<p>PRE QUALIFICATION FOR TECHNICALLY ACCEPTING THE BID.DURING VERIFICATION IF IT IS NOT MEETING WITH QAP, THE OFFER SHALL BE LIABLE FOR REJECTION.</p> <p>PREDISPATCH INSPECTION-PREDISPATCH AS WELL ACCEPTANCE TESTS TO BE CARRIED OUT AT MANUFACTURERS SITE BEFORE DISPATCH OF THE MATERIAL BY MAUFACTURERS OWN ARRANGEMENT.</p> <p>TYPE TEST AND ROUTINE TEST CERTIFICATE TO BE SUBMITTED BY THE PARTY ALONG WITH THE MATERIAL .</p> <p>STANDARD WARRENTY -THE CABLE SHALL BE WARRENTED FOR A PERIOD OF 18 MONTHS AGAINST ANY MANUFACTURING DEFECT.</p> <p>1.1KV grade Armoured aluminium power cable XLPE Insulated, PVC sheathed, conforming to IS:1554 latest amendment and with following specifications</p> <p>1.Nominal cross sectional area of the conductor: 25 Sq mm</p> <p>2.Number of core-3.5</p> <p>3.Shape of conductor-Stranded and sector shaped</p> <p>4.Conductor material-Aluminium complying with IS:8130:1984 latest</p> <p>5.Type of insulation- XLPE</p> <p>6.Armouring: Single layer galvanized steel round wire</p> <p>7.Inner sheath and PVC outer sheath as per IS 1554</p> <p>8.Colour coding-Red, Yellow, blue and black</p> <p>9.Identification and Marking on the cable Voltage rating, type of cable, sequential per meter as well as ISI mark to be embossed.</p> <p>10.Packing- 1000 mtr. cable to be supplied with a non returnable wooden/fibre drum .(+/-)5% tolerance in cable length is acceptable.</p> <p>Certification-Submission of type test report from central government/NABL accredited test laboratory to prove conformity to the specification at the time of tender as well as BIS certificate.</p> <p>All relevant routine test reports and certificates as per IS 1554 shall be submit by the supplier at the time dispatch of the material.</p> <p>NB-GTP and QAP of the offered cable must be submit by the Bidder at the time of submission of tender document.</p> <p>NALCO reserves the right to witness the routine and acceptance test certificate on physical/ virtual mode. Bidder to give atleast 15 days prior notice for the same.</p> <p>Material to be guaranteed for 18 months from supply</p>		
8	82001105630	CABLE 3.5X35SQ MM	M	2,000
		1100 VOLT GRADE,3.5X 35 SQ MM L.T ARMOURED POWER CABLE WITH STRANDED EC GRADE ALUMINIUM CONDUCTOR , PVC INSULATED (TYPE-A) COLOUR CODED,LAID		

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		<p>UP,WITH FILLER PROVIDED WITH EXTRUDED PVC INNER SHEATH ,SINGLE GALVANISED STEEL ROUND WIRE ARMoured AND PROVIDED WITH PVC OUTER SHEATH.BOTH INNER AND OUTER SHEATHS SHALL BE OF TYPE ST-1 AND CABLE SHALL BE CONFORMING TO IS:1554(PART-1)</p> <p>NB-UNLESS OTHERWISE SPECIFIED ELSE WHERE IN THIS SPECIFICATION,THE RATING AS WELL AS PERFORMANCE AND TESTING OF THE CABLE SHALL BE CONFORM TO THE LATEST REVISIONS AVAILABLE AT THE TIME OF PLACEMENT OF ORDER OF ALL THE RELEVANT STANDARDS AS MENTIONED BUT NOT LIMITED TO THE ABOVE .</p> <p>SEQUENTIAL MARKING-THE FOLLOWING PARTICULARS SHALL BE PROPERLY LEGIBLE ON THE CABLE SHEATH AT INTERVAL OF ONE METER THROUGH OUT THE LENGTH OF THE CABLE. MANUFACTURES NAME,VOLTAGE GRADE YEAR OF MANUFACTURE,NALCO,SUCCESSIVE LENGTH,SIZE OF CABLE,ISI MARK</p> <p>PACKING- CABLE SHALL BE SUPPLIED IN STANDARD LENGTH OF 500 MTRS WITH +/- 5% TOLERANCE IN A NON RETURNABLE WOODEN / PLASTIC DRUM. THE CABLE DRUM SHALL CARRY THE FOLLOWING INFORMATION- LENGTH OF CABLE,TYPE OF CABLE AND VOLTAGE GRADE,SIZE OF CABLE, YEAR OF MANUFACTURE.</p> <p>QAP-THE BIDDER SHALL ENCLOSE THE QAP ALONG WITH OFFER.NALCO MAY ITS OPTION ORDER THE VERIFICATION OF THESE PLANS AT MANUFACTURERS WORKS AS A PRE QUALIFICATION FOR TECHNICALLY ACCEPTING THE BID.DURING VERIFICATION IF IT IS NOT MEETING WITH QAP, THE OFFER SHALL BE LIABLE FOR REJECTION.</p> <p>PREDISPATCH INSPECTION-PREDISPATCH AS WELL ACCEPTANCE TESTS TO BE CARRIED OUT AT MANUFACTURERS SITE BEFORE DISPATCH OF THE MATERIAL BY MAUFACTURERS OWN ARRANGEMENT.</p> <p>TYPE TEST AND ROUTINE TEST CERTIFICATE TO BE SUBMITTED BY THE PARTY ALONG WITH THE MATERIAL .</p> <p>STANDARD WARRENTY -THE CABLE SHALL BE WARRENTED FOR A PERIOD OF 18 MONTHS AGAINST ANY MANUFACTURING DEFECT.</p> <p>1.1KV grade Armoured aluminium power cable XLPE Insulated, PVC sheathed, conforming to IS:1554 latest amendment and with following specifications</p> <ol style="list-style-type: none"> 1.Nominal cross sectional area of the conductor: 35 Sq mm 2.Number of core-3.5 3.Shape of conductor-Stranded and sector shaped 4.Conductor material-Aluminium complying with IS:8130:1984 latest 5.Type of insulation- XLPE 6.Armouring: Single layer galvanized steel round wire 7.Inner sheath and PVC outer sheath as per IS 1554 8.Colour coding-Red, Yellow,blue and black 9.Identification and Marking on the cable Voltage rating, type of cable, sequential per meter as well as ISI mark to be embossed. 10.Packing- 1000 mtr. cable to be supplied with a non returnable 		

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		<p>wooden/fibre drum .(+/-)5% tolerance in cable length is acceptable.</p> <p>Certification-Submission of type test report from central government/NABL accredited test laboratory to prove conformity to the specification at the time of tender as well as BIS certificate.</p> <p>All relevant routine test reports and certificates as per IS 1554 shall be submit by the supplier at the time dispatch of the material.</p> <p>NB-GTP and QAP of the offered cable must be submit by the Bidder at the time of submission of tender document.</p> <p>NALCO reserves the right to witness the routine and acceptance test certificate on physical/ virtual mode. Bidder to give atleast 15 days prior notice for the same.</p> <p>Material to be guaranted for 18 months from supply</p>		
9	82001102060	3.5C X 70 SQMM PVC ARMOURED AL. CABLE	M	1,000
		<p>1100 VOLT GRADE,3.5X 70 SQ MM L.T ARMOURED POWER CABLE WITH STRANDED EC GRADE ALUMINIUM CONDUCTOR , PVC INSULATED (TYPE-A) COLOUR CODED,LAID UP,WITH FILLER PROVIDED WITH EXTRUDED PVC INNER SHEATH ,SINGLE GALVANISED STEEL ROUND WIRE ARMOURED AND PROVIDED WITH PVC OUTER SHEATH.BOTH INNER AND OUTER SHEATHS SHALL BE OF TYPE ST-1 AND CABLE SHALL BE CONFORMING TO IS:1554(PART-1)</p> <p>NB-UNLESS OTHERWISE SPECIFIED ELSE WHERE IN THIS SPECIFICATION,THE RATING AS WELL AS PERFORMANCE AND TESTING OF THE CABLE SHALL BE CONFORM TO THE LATEST REVISIONS AVAILABLE AT THE TIME OF PLACEMENT OF ORDER OF ALL THE RELEVANT STANDARDS AS MENTIONED BUT NOT LIMITED TO THE ABOVE .</p> <p>SEQUENTIAL MARKING-THE FOLLOWING PARTICULARS SHALL BE PROPERLY LEGIBLE ON THE CABLE SHEATH AT INTERVAL OF ONE METER THROUGH OUT THE LENGTH OF THE CABLE. MANUFACTURES NAME,VOLTAGE GRADE YEAR OF MANUFACTURE,NALCO,SUCCESSIVE LENGTH,SIZE OF CABLE,ISI MARK</p> <p>PACKING- CABLE SHALL BE SUPPLIED IN STANDARD LENGTH OF 500 MTRS WITH +/- 5% TOLERANCE IN A NON RETURNABLE WOODEN / PLASTIC DRUM. THE CABLE DRUM SHALL CARRY THE FOLLOWING INFORMATION- LENGTH OF CABLE,TYPE OF CABLE AND VOLTAGE GRADE,SIZE OF CABLE, YEAR OF MANUFACTURE.</p> <p>QAP-THE BIDDER SHALL ENCLOSE THE QAP ALONG WITH OFFER.NALCO MAY ITS OPTION ORDER THE VERIFICATION OF THESE PLANS AT MANUFACTURERS WORKS AS A PRE QUALIFICATION FOR TECHNICALLY ACCEPTING THE BID.DURING VERIFICATION IF IT IS NOT MEETING WITH QAP, THE OFFER SHALL BE LIABLE FOR REJECTION.</p> <p>PREDISPATCH INSPECTION-PREDISPATCH AS WELL ACCEPTANCE TESTS TO BE CARRIED OUT AT MANUFACTURERS SITE BEFORE DISPATCH OF THE MATERIAL BY MAUFACTURERS OWN ARRANGEMENT.</p> <p>TYPE TEST AND ROUTINE TEST CERTIFICATE TO BE SUBMITTED BY THE PARTY ALONG WITH THE MATERIAL .</p> <p>STANDARD WARRENTY -THE CABLE SHALL BE WARRENTED FOR A PERIOD OF 18 MONTHS AGAINST ANY MANUFACTURING DEFECT.</p>		

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		<p>1.1KV grade Armoured aluminium power cable XLPE Insulated, PVC sheathed, conforming to IS:1554 latest amendment and with following specifications</p> <p>1.Nominal cross sectional area of the conductor: 70 Sq mm</p> <p>2.Number of core-3.5</p> <p>3.Shape of conductor-Stranded and sector shaped</p> <p>4.Conductor material-Aluminium complying with IS:8130:1984 latest</p> <p>5.Type of insulation- XLPE</p> <p>6.Armouring: Single layer galvanized steel round wire</p> <p>7.Inner sheath and PVC outer sheath as per IS 1554</p> <p>8.Colour coding-Red, Yellow, blue and black</p> <p>9.Identification and Marking on the cable Voltage rating, type of cable, sequential per meter as well as ISI mark to be embossed.</p> <p>10.Packing- 500 mtr. cable to be supplied with a non returnable wooden/fibre drum .(+/-)5% tolerance in cable length is acceptable.</p> <p>Certification-Submission of type test report from central government/NABL accredited test laboratory to prove conformity to the specification at the time of tender as well as BIS certificate.</p> <p>All relevant routine test reports and certificates as per IS 1554 shall be submit by the supplier at the time dispatch of the material.</p> <p>NB-GTP and QAP of the offered cable must be submit by the Bidder at the time of submission of tender document.</p> <p>NALCO reserves the right to witness the routine and acceptance test certificate on physical/ virtual mode. Bidder to give atleast 15 days prior notice for the same.</p> <p>Material to be guaranteed for 18 months from supply</p>		
10	82001101560	3.5C X 50 SQ.MM ARMOURED AL. CABLE	M	500
		<p>1100 VOLT GRADE,3.5X 50 SQ MM L.T ARMOURED POWER CABLE WITH STRANDED EC GRADE ALUMINIUM CONDUCTOR , PVC INSULATED (TYPE-A) COLOUR CODED,LAID UP,WITH FILLER PROVIDED WITH EXTRUDED PVC INNER SHEATH ,SINGLE GALVANISED STEEL ROUND WIRE ARMOURED AND PROVIDED WITH PVC OUTER SHEATH.BOTH INNER AND OUTER SHEATHS SHALL BE OF TYPE ST-1 AND CABLE SHALL BE CONFORMING TO IS:1554(PART-1)</p> <p>NB-UNLESS OTHERWISE SPECIFIED ELSE WHERE IN THIS SPECIFICATION,THE RATING AS WELL AS PERFORMANCE AND TESTING OF THE CABLE SHALL BE CONFORM TO THE LATEST REVISIONS AVAILABLE AT THE TIME OF PLACEMENT OF ORDER OF ALL THE RELEVANT STANDARDS AS MENTIONED BUT NOT LIMITED TO THE ABOVE .</p> <p>SEQUENTIAL MARKING-THE FOLLOWING PARTICULARS SHALL BE PROPERLY LEGIBLE ON THE CABLE SHEATH AT INTERVAL OF ONE METER THROUGH OUT THE LENGTH OF THE CABLE. MANUFACTURES NAME,VOLTAGE GRADE YEAR OF MANUFACTURE,NALCO,SUCCESSIVE LENGTH,SIZE OF CABLE,ISI MARK</p>		

SL. NO.	Material Code HSN Code	MATERIAL DESCRIPTION	UNIT OF MEASURE	QUANTITY
		<p>PACKING- CABLE SHALL BE SUPPLIED IN STANDARD LENGTH OF 500 MTRS WITH +/- 5% TOLERANCE IN A NON RETURNABLE WOODEN / PLASTIC DRUM. THE CABLE DRUM SHALL CARRY THE FOLLOWING INFORMATION- LENGTH OF CABLE,TYPE OF CABLE AND VOLTAGE GRADE,SIZE OF CABLE, YEAR OF MANUFACTURE.</p> <p>QAP-THE BIDDER SHALL ENCLOSE THE QAP ALONG WITH OFFER.NALCO MAY ITS OPTION ORDER THE VERIFICATION OF THESE PLANS AT MANUFACTURERS WORKS AS A PRE QUALIFICATION FOR TECHNICALLY ACCEPTING THE BID.DURING VERIFICATION IF IT IS NOT MEETING WITH QAP, THE OFFER SHALL BE LIABLE FOR REJECTION.</p> <p>PREDISPATCH INSPECTION-PREDISPATCH AS WELL ACCEPTANCE TESTS TO BE CARRIED OUT AT MANUFACTURERS SITE BEFORE DISPATCH OF THE MATERIAL BY MAUFACTURERS OWN ARRANGEMENT.</p> <p>TYPE TEST AND ROUTINE TEST CERTIFICATE TO BE SUBMITTED BY THE PARTY ALONG WITH THE MATERIAL .</p> <p>STANDARD WARRENTY -THE CABLE SHALL BE WARRENTED FOR A PERIOD OF 18 MONTHS AGAINST ANY MANUFACTURING DEFECT.</p> <p>1.1KV grade Armoured aluminium power cable XLPE Insulated, PVC sheathed, conforming to IS:1554 latest amendment and with following specifications</p> <ol style="list-style-type: none"> 1.Nominal cross sectional area of the conductor: 50 Sq mm 2.Number of core-3.5 3.Shape of conductor-Stranded and sector shaped 4.Conductor material-Aluminium complying with IS:8130:1984 latest 5.Type of insulation- XLPE 6.Armouring: Single layer galvanized steel round wire 7.Inner sheath and PVC outer sheath as per IS 1554 8.Colour coding-Red, Yellow,blue and black 9.Identification and Marking on the cable Voltage rating, type of cable, sequential per meter as well as ISI mark to be embossed. 10.Packing- 500 mtr. cable to be supplied with a non returnable wooden/fibre drum .(+/-)5% tolerance in cable length is acceptable. <p>Certification-Submission of type test report from central government/NABL accredited test laboratory to prove conformity to the specification at the time of tender as well as BIS certificate.</p> <p>All relevant routine test reports and certificates as per IS 1554 shall be submit by the supplier at the time dispatch of the material.</p> <p>NB-GTP and QAP of the offered cable must be submit by the Bidder at the time of submission of tender document.</p> <p>NALCO reserves the right to witness the routine and acceptance test certificate on physical/ virtual mode. Bidder to give atleast 15 days prior notice for the same.</p>		

SL. NO.	Material Code HSN Code	MATERIAL DESCRIPTION	UNIT OF MEASURE	QUANTITY
		Material to be guaranteed for 18 months from supply		
11	82001105560	3.5CX300 SQMM PVC INSUL ARMORD AL.CABLE	M	2,000
		<p>3.5C X 300MM SQ.ALU.CABLE</p> <p>3.1/2 X 300 SQ.MM STRANDED ALUMINIUM CONDUCTOR PVC INSULATED CORES LAID UP - PVC TAPE INNER SHEATHED GALVANISED - FLAT STEEL STRIP ARMoured AND PVC SHEATHED OVERALL 1.1 KV GRADE TO IS 1554 -PT.I 88. SIZE.3.1/2 X 300 SQ.MM . 3.5C X 300 SQMM STRANDED ALUMINIUM CONDUCTOR, HR PVC (TYPE C TO IS 5831) INSULATED, COLOUR CODED, CORES LAID UP, INNER SHEATH OF EXTRUDED HR PVC (TYPE ST-2), GALVANISED STEEL FLAT STRIP ARMoured, HR PVC (TYPE ST-2) OUTER SHEATHED CABLE SUITABLE FOR 1.1KV GRADE CONFORMING TO IS:1554/PI/88 AND TO BE SUPPLIED IN SINGLE LENGTH.THE CABLE ENDS SHOULD BE SEALED AGAINST ENTRY OF WATER.</p> <p>1.1KV grade Armoured aluminium power cable XLPE Insulated, PVC sheathed, conforming to IS:1554 latest amendment and with following specifications</p> <p>1.Nominal cross sectional area of the conductor: 300 Sq mm</p> <p>2.Number of core-3.5</p> <p>3.Shape of conductor-Stranded and sector shaped</p> <p>4.Conductor material-Aluminium complying with IS:8130:1984 latest</p> <p>5.Type of insulation- XLPE</p> <p>6.Armouring: Single layer galvanized steel round wire</p> <p>7.Inner sheath and PVC outer sheath as per IS 1554</p> <p>8.Colour coding-Red, Yellow, blue and black</p> <p>9.Identification and Marking on the cable Voltage rating, type of cable, sequential per meter as well as ISI mark to be embossed.</p> <p>10.Packing- 500 mtr. cable to be supplied with a non returnable wooden/fibre drum .(+/-)5% tolerance in cable length is acceptable.</p> <p>Certification-Submission of type test report from central government/NABL accredited test laboratory to prove conformity to the specification at the time of tender as well as BIS certificate.</p> <p>All relevant routine test reports and certificates as per IS 1554 shall be submit by the supplier at the time dispatch of the material.</p> <p>NB-GTP and QAP of the offered cable must be submit by the Bidder at the time of submission of tender document.</p> <p>NALCO reserves the right to witness the routine and acceptance test certificate on physical/ virtual mode. Bidder to give atleast 15 days prior notice for the same.</p> <p>Material to be guaranteed for 18 months from supply</p>		
Special instruction:				
Kindly go through the GeM tender details for complete terms and conditions				
For & On Behalf of NATIONAL ALUMINIUM CO.LTD.				

CHECKLIST FOR TECHNICAL AND COMMERCIAL REQUIREMENTS

(Duly filled, signed and stamped copy to be mandatorily submitted with offer along with the mentioned documents, failing which it will be assumed that tender terms & conditions have not been accepted by bidder and offer may be rejected)

S.No.	Nalco's Requirement	Bidder's Remarks
1	Item has been quoted as per material specification document (Refer to Buyer Specification document under Technical Specifications) including all other NIT terms without any deviation.	Yes/No
	Deviation to technical specification & commercial terms and conditions, if any: Specific point wise deviation statement to be given with reasons and advantages for the deviation. (Please be noted that the bidder may be rejected based on deviation from tender specifications & NIT terms & conditions)	No Deviation/ Provided the deviations list with reason
2	Duly signed and stamped 'Technical Specification' document along with the supporting documents has been submitted.	Yes/No
3	Prices are quoted on 'FOR NALCO MINES Stores, Damanjodi' basis including all cost component viz. GST, P&F, freight, insurance, any other charges applicable by GEM etc.	Yes/No
4	GST rate included in the price	_____%
	Bidder to provide the itemwise HSN code in their offer with applicable GST rate	Submitted/ Not provided
	Any item of the tender under SAC code	Yes/No
5	Payment term as mentioned in bid document under "Buyer Added Bid Specific ATC".	Agreed/ Not agreed
6	Tender terms & conditions and GeM GTC shall only be applicable for the tender.	Agreed/ Not agreed
7	Acceptance to the tender delivery period.	Accepted/ Not Accepted
	If NOT ACCEPTED : Provide the delivery period (Please be noted that the bidder may be rejected based on higher delivery period)	
8	Duly filled Pre Contract Integrity Pact/Declaration by bidder for Implementation of Integrity has been submitted with the offer.	Submitted/ Not Submitted

9	EMD as per tender requirement	Submitted and documentary proof uploaded/ EMD exemption claimed / No EMD requirement in the tender.
	Document in support of EMD exemption as per cl. (a) "EMD Exemption" of tender document.	Submitted/ Not applicable
	Note- If the bidder has requested an EMD exemption and EMD is applicable to the tender, and his claim is not found to be valid, the bid may be rejected without further communication.	
10	MSE Purchase Preference as manufacturer of offered items claimed in GeM.	Manufacturer of the offered items and UDYAM Registration Certificate Submitted/ Not Claimed/Not applicable
	Note- Bidder must avoid false declaration of manufacturing status for the offered item. In case manufacturing status couldn't be verified from the offer, MSE purchase preference shall not be given.	
11	Duly filled SA 8000 questionnaire provided with the tender has been submitted	Submitted/ Not Submitted
12	MII Local content declaration as given in the tender document.	Submitted/ Not Submitted
	Note- Purchase preference to Class I supplier shall be given only if the local content declaration is submitted by the OEM.	

(Bidder's Signature with stamp)

Social Accountability 8000 Compliance Format (Supplier)

A. Basic information

Name of the organization			
Address			
Telephone No			
Name of the Proprietor			
Nature of Business			
License Number and date of expiry			
Employees	Staff (Total Number)	Workmen	(Total Number)
• Permanent			
• Casual			
• Badli			
• Temporary			
• Contracted			

B. Information regarding Social Accountability

- What is the minimum age required to join your organization? _____ Years
- What types of certificates (Like mark sheet, birth certificate) you keep with you? Original Copy / Xerox
- Do you require to keep any kind of deposit inform of cash at the time of employment? Yes/No
- Do you provide safe & healthy work environment as per statutory requirement? Yes/No
- If directly not provided by you, do you get health& safety benefits from NALCO? Yes/No
- Do you provide personal protective equipment(s) to your employees free of cost? Yes/No
- Do you provide safety training to your employees? Yes/No
- Do you ensure canteen facility for your employees? Yes/No
- Do you have any procedure in your organization for Accessing work place related risk Yes/No
- Do you have any worker participation based team Such as SPT (social performance Team) and Safety health Committee (SHC)? Yes/No
- Do you have any procedure in your organization for Consultation with stake holder & interested parties for improvement of the system? Yes/No
- Does your organization charge any employment fee from workers? Yes/No
- Do you have any system for consultation & communication with Employees and other interested parties to understand the provision Of SA-8000? Yes/No
- Do you have any procedure for handling the grievance and problems

of the workers?

Yes/No

- Do you have any evaluation system for your suppliers, sub-suppliers
And contractors?

Yes/No

- What types of medical benefits you provide to your employees?

- Do you allow trade union and collective bargaining in
your organization?

Yes/No

If no, how do you ensure freedom of expression?

- Incase of non-performance of any employee, how do you deal with such situations?

-
- What are the procedures of hiring/promotion/ remuneration in your organization?

- Do you provide appointment letter to your employees? Yes/No

- Do you maintain a documented terms and conditions of employment? Yes/No

- Do you maintain a disciplinary procedure? Yes/No

If no, how do you terminate your employee?

- How do you ensure that your employees are not discrimination on the basis of cast creed, gender, religion, age and dieses?

- How many shift you have? _____ shifts

- What is the official working time? _____ hours

- Which day is off day in your organization? _____

- In case, a person works in off day or holiday, how is he/she compensated?

- Do you pay overtime to your employees as per law? Yes/No

- What is the lowest amount (salary/wage) you pay to your employees? Rs. _____/-

- Is there any case of deduction in wage? Yes/No

- In case, it is yes, what are the general reasons for such deduction?

- Is there any apprentice period in your organization? Yes/No

- If yes, what is the apprentice period in your organization? _____

- Do you have any international certification Yes/No

- If yes, please specify

- Do you receive, handle or promote goods and/or services from supplier/subcontractors or sub-suppliers Yes/No

- Do you receive, handle or promote goods and/or services from supplier/subcontractors or sub-suppliers who are classified as home worker? Yes/No

- If yes, what steps you have taken to ensure that they get similar level of protection as afforded directly by permanent employees?

- Have you taken care to look into issues related to child labour
Forced labour, health & safety, working hours and remuneration of your suppliers
Yes/No

We do hereby declare that our organization is committed to social accountability. We will promptly implement remedial/corrective actions identified against the requirement and promptly inform your organization. We also declare that the sub contractors/sub supplier's performances are monitored by us. Moreover, we declare that if invited, we shall participate in awareness programme as well as monitoring programme organized by you.

We declare that the above-mentioned informations are correct.

Signature:

Designation:

Date

Seal of the organization

SL. NO.	EHS (Environment Health & Safety) GUIDELINES TO SUPPLIERS
1	<p>For Suppliers of Capital equipment & machinery:</p> <ol style="list-style-type: none"> 1. Competence/maintenance/calibration requirements if any to be compiled. 2. Does the machine need any hazardous chemicals as per MSIHC rules 1989 & amendment thereafter? 3. Noise level at 2 Meter distance is to be specified. 4. The machine shall comply with applicable EHS legislations.
2	<p>For Suppliers of Hazardous Chemicals/Inflammable Chemicals:</p> <ol style="list-style-type: none"> 1. You have to comply with applicable EHS legislations for manufacture, storage, transportation and possession of hazardous chemicals/inflammable liquid/gas cylinder rules. 2. MSDS guidelines shall be followed by your organization for proper storage, transportation of hazardous materials and others as applicable. 3. Provide MSDS at the time of first consignment or whatever any update is there to the company. 4. Fire extinguisher is to be maintained in working condition in your organization. 5. Avoid leakage of oil, water, coolant etc. in your organization to conserve natural resources. 6. Provide TREM Cards to drivers for handling transportation emergencies. 7. To use personal protective equipment such as helmets/gloves/shoes/ear plugs/welder goggles as specified and to follow safe work procedures in your organization. 8. You should explain to your workers about potential hazards, accidents, emergencies, environmental impact and explain all precautions to be taken.
3	For Suppliers of gas cylinders, the requirement of Gas Cylinder Rules and it's current amendment are to be ensured.
4	<p>For Suppliers dispatching Full Truck –load material on their own truck must ensure the following:</p> <ol style="list-style-type: none"> 1. Driver should have valid documents including Driving Licence and

SL. NO.	EHS (Environment Health & Safety) GUIDELINES TO SUPPLIERS
	<p>pollution control certificate.</p> <ol style="list-style-type: none"><li data-bbox="331 520 1078 552">2. Unauthorised person should not drive the vehicle.<li data-bbox="331 558 1321 625">3. Driver should strictly follow the speed regulations and other guidelines given by CISF.



NATIONAL ALUMINIUM COMPANY LIMITED
(A Government of India Enterprise)
(A NAVRATNA COMPANY)

Purchase Dept., Mines Division, Damanjodi-763008.

SOCIAL ACCOUNTABILITY POLICY

We at NALCO are committed to provide a socially accountable work environment to all employees and uphold ethical business practices by respecting employees' rights.

We shall achieve these by adopting a companywide culture, which will help to promote:

- ✚ Involvement of all employees in sustenance of SA 8000 standard;
- ✚ Continual improvement initiatives in all social issues;
- ✚ Learning and training opportunities to all employees;
- ✚ Fulfillment of relevant statutory rules & regulations, ILO requirements, applicable international instruments and their interpretation.

ENVIRONMENT POLICY

In recognition of the interests of the society in securing sustainable industrial growth, compatible with a wholesome environment, NALCO affirms that it assigns high importance to promotion and maintenance of a pollution-free environment in all its activities.

OBJECTIVES:

- ✚ To use non-polluting and environment-friendly technology.
- ✚ To monitor regularly air, water, land, noise and other environmental parameters.
- ✚ To constantly improve upon the standards of pollution control and provide a leadership in environment management.
- ✚ To develop employees' awareness on environmental responsibilities and encourage adherence to sound environmental practices.
- ✚ To work closely with the Government & local authorities to prevent or minimize adverse consequences of the industrial activities on the environment.
- ✚ To comply with all applicable laws governing environment protection through appropriate mechanisms.
- ✚ To actively participate in social welfare and environmental development activities of the locality around its Units.

OCCUPATIONAL HEALTH & SAFETY POLICY

NALCO is committed to maintain a Safe, Healthy and Sustainable work environment in all its operations. This shall be achieved by:

- ✚ Focusing on prevention of Accidents and Occupational Health issues.
- ✚ Complying with all legal requirements & other requirements related to Safety and Occupational Health of persons and establishing clearly defined goals & procedures to achieve the same.
- ✚ Ensuring Safety & Health of all employees and contract workers in its premises, including those involved in transportation, cleaning and other such activities.
- ✚ Conducting Periodic Safety Audits, Environment Audits, Health Check-ups and Risk Assessment by both internal and external qualified persons.
- ✚ Considering aspects related to Safety and Health of personnel as well as environmental issues at the time of procurement of equipment and selection of technologies.
- ✚ Ensuring health of persons in the peripheral locations, likely to be affected by our operations.
- ✚ Periodically monitoring and reviewing safety & occupational health issues at relevant levels, including the highest levels.
- ✚ Communicating Safety Hazards and health related issues to all concerned through suitable means, including training.
- ✚ Involving the workmen in Policy implementation as well as identification of potential issues.
- ✚ Considering Health & Safety performance of individuals at different levels during their career advancement as per NALCO's policy.
- ✚ Establishing and maintaining suitable set-up with competent persons to monitor and bring to the notice of the management any issues related to unsafe conditions & practices.
- ✚ Striving for continual improvements, exceeding statutory compliance levels, wherever feasible.

ENERGY POLICY

Enhancing Energy Performance, comprehensively optimising Energy Use, Energy Consumption and Energy Efficiency, is a major imperative for an Energy Intensive industry like ours. In recognition of this, we will focus on continual improvement of all round Energy Performance with special focus on areas of significance by way of having in place Energy Objectives based on the enshrined Guiding Principles.

Guiding Principles:

- To endeavour for reduction in Specific Consumption of Energy in all forms in areas of significance.
 - To ensure availability of correct information in time and to make available necessary resources for achieving the Objectives and Targets.
 - To comply with all applicable legal and other statutory/ regulatory requirements related to our energy use, consumption and efficiency.
 - To espouse Energy Efficient Technology encompassing procurement of Energy Efficient products & services and design for energy performance improvement.
 - To carry out Energy audits and Energy reviews at planned intervals, to improve energy performance.
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NATIONAL ALUMINIUM COMPANY LIMITED
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Purchase Dept., Mines Division, Damanjodi-763008.

Declaration by Bidder for Implementation of Integrity

Tender Ref: _____

I/We (Name of the Bidder) commit to take all measures necessary to prevent corrupt practices, unfair means and illegal activities during any stage of his bid or during any pre-contract or post-contract stage in order to secure the contract. I/We further undertakes that

- Will not offer, directly or through intermediaries, any bribe, gift, consideration, reward, favour, any material or immaterial benefit or other advantage to any official of the Buyer, connected directly or indirectly with the bidding process, evaluation, contracting and implementation of the Contract.
- will not collude with other parties interested in the contract to impair the transparency, fairness and progress of the bidding process, bid evaluation, contracting and implementation of the contract.
- will not accept any advantage in exchange for any corrupt practice, unfair means and illegal activities.
- will commits to refrain from giving any complaint directly or through any other manner without supporting it with full and verifiable fact.
- will not instigate or cause to instigate any third person to commit any of the actions mentioned above.

Yours faithfully

(Authorized signatory of the Bidder)

Date: