

**Aryabhatta Research Institute of Observational Sciences (ARIES),
Manora Peak, Nainital, Uttarakhand 263 001 INDIA**

(An autonomous institute under Department of Science and Technology, Govt. of India)

Tel : +91-(5942) -270700/270777/ 270723/270727/ 270729/ 270730

FAX : +91-(5942) - 270439, **Website:** <http://www.aries.res.in>

Tender Reference No. AO/3-36(2)/20-21/2363

Date: -19 August, 2020

TENDER (E - PROCUREMENT MODE)

for

Supply of Spare parts for 3.6 meter DOT




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A. Background :

Aryabhatta Research Institute of observational sciences ES (acronym for ARIES; <http://www.aries.res.in>) is an autonomous research institute under the Department of Science and Technology (DST), Government of India. ARIES is on a hilly terrain called Manora Peak, near the beautiful lake city of Nainital located in the Devbhumi of Uttarakhand State in the Central Gangetic Himalayan region. The institute is carrying out fundamental research in the various fields of Atmospheric Science, Astronomy & Astrophysics and Solar physics.

B. Details:

Name of the Purchaser:

The Director,

Aryabhatta Research Institute of Observational Sciences (ARIES),
Under Department of Science Technology (DST), Govt. of India
Manora Peak, Nainital -263 001, Uttarakhand

C. Time Schedule:

Tender documents may be downloaded from ARIES Website: <http://www.aries.res.in> (for reference only) and CPPP Site <http://eprocure.gov.in/eprocure/app> as per the schedule given in **CRITICAL DATE SHEET** as under: -

Date of publishing on CPP Portal	19 -08-2020
Document Download Start Date & Time	20-08-2020 (14:00 hrs.)
Clarification Start Date & Time	20-08-2020 (15:00 hrs.)
Bid Submission Start Date & Time	20-08-2020 (16:00 hrs.)
Document Download End Date & Time	22-09-2020 (10:00 hrs.)
Clarification End Date & Time	22-09-2020 (10:00 hrs.)
Bid Submission End Date & Time	22-09-2020 (10:00 hrs.)
Bid Opening Date & Time for opening of technical bids	24-09-2020 (16:00 hrs.)
Venue, Date and Time for opening of Financial bid	Will be intimated through online CPPP to Technically Qualified Tenderer.
Earnest Money Deposit (EMD)	Rs. 60000.00 (Sixty thousand only)





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D. Subject and Brief Scope of Work:

Supply of Spare parts as per the list in **Annexure-II** at ARIES, Devasthal, Nainital, Uttarakhand

E. Product Utilization :

The product is being purchased for research purposes. The components are required to satisfy all specifications mentioned in this document.

F. Contact Information & Contact Person:

Mr Shobhit Yadav

Aryabhatta Research Institute of Observational Sciences,

Department of Science Technology, Govt. of India

Manora Peak, Nainital - 263 001, Uttarakhand, India

Tel: +91-(5942) – 270777 **Website:** <http://www.aries.res.in>

G. Instructions for Online Bid Submission:

The bidders are required to submit soft copies of their bids electronically on the CPP Portal, using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the CPP Portal, prepare their bids in accordance with the requirements and submitting their bids online on the CPP Portal.

More information useful for submitting online bids on the CPP Portal may be obtained at: <https://eprocure.gov.in/eprocure/app>.

REGISTRATION:

- 1) Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal (URL: <https://eprocure.gov.in/eprocure/app>) by clicking on the link “Online bidder Enrollment” on the CPP Portal which is free of charge.
- 2) As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.
- 3) Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.
- 4) Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sify / nCode / eMudhra etc.), with their profile.
- 5) Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSC’s to others which may lead to misuse.
- 6) Bidder then logs in to the site through the secured log-in by entering their user ID / password and the password of the DSC / e-Token.




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H. SEARCHING FOR TENDER DOCUMENTS:-

- 1) There are various search options built in the CPP Portal, to facilitate bidders to search active tenders by several parameters. These parameters could include Tender ID, Organization Name, Location, Date, Value, etc. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as Organization Name, Form of Contract, Location, Date, Other keywords etc. to search for a tender published on the CPP Portal.
- 2) Once the bidders have selected the tenders they are interested in, they may download the required documents / tender schedules. These tenders can be moved to the respective 'My Tenders' folder. This would enable the CPP Portal to intimate the bidders through SMS / email in case there is any corrigendum issued to the tender document.
- 3) The bidder should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification / help from the Helpdesk.

I. PREPARATION OF BIDS:-

- 1) Bidder should take into account any corrigendum published on the tender document before submitting their bids.
- 2) Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents have to be submitted, the number of documents - including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.
- 3) Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document / schedule and generally, they can be in PDF / XLS / RAR / DWF/JPG formats. Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.
- 4) To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN card copy, annual reports, auditor certificates etc.) has been provided to the bidders. Bidders can use "My Space" or "Other Important Documents" area available to them to upload such documents. These documents may be directly submitted from the "My Space" area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.

Note:


My Documents space is only a repository given to the Bidders to ease the uploading process. If Bidder has uploaded his Documents in My Documents space, this does not automatically ensure these Documents being part of Technical Bid.




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J. SUBMISSION OF BIDS:-

- 1) Bidder should log into the site well in advance for bid submission so that they can upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
- 2) The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
- 3) Bidder has to select the payment option as “offline” to pay the tender fee / EMD as applicable and enter details of the instrument.
- 4) Bidder should prepare the EMD as per the instructions specified in the tender document. The original should be posted/couriered/given in person to the concerned official, latest by the last date of bid submission or as specified in the tender documents. The details of the DD/any other accepted instrument, physically sent, should tally with the details available in the scanned copy and the data entered during bid submission time. Otherwise the uploaded bid will be rejected.
- 5) Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. If the price bid has been given as a standard BoQ format with the tender document, then the same is to be downloaded and to be filled by all the bidders. Bidders are required to download the BoQ file, open it and complete the white coloured (unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the filename. If the BoQ file is found to be modified by the bidder, the bid will be rejected.
- 6) The server time (which is displayed on the bidders' dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.
- 7) All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. The confidentiality of the bids is maintained using the secured Socket Layer 128 bit encryption technology. Data storage encryption of sensitive fields is done. Any bid document that is uploaded to the server is subjected to symmetric encryption using a system generated symmetric key. Further this key is subjected to asymmetric encryption using buyers/bid opener's public keys. Overall, the uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- 8) The uploaded tender documents become readable only after the tender opening by the authorized bid openers.



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- 9) Upon the successful and timely submission of bids (i.e. after Clicking "Freeze Bid Submission" in the portal), the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.
- 10) The bid summary has to be printed and kept as an acknowledgement of the submission of the bid. This acknowledgement may be used as an entry pass for any bid opening meetings.

K. ASSISTANCE TO BIDDERS :-

- 1) Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender.
- 2) Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24x7 CPP Portal Helpdesk.


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L. Technical Bid : To qualify in the Technical bid the firm should have the minimum eligibility criteria as under and the firm in this regard must submit the following documents in support of their eligibility criteria – Check list of document (Technical Bid)


- a. Specify your firm/company is a manufacturer/ authorized dealer/ distributor/ Agency(Attach attested copy)
- b. Bidder security as specified in the NIT; (Technical Bid);
- c. Copy of PAN Card/GST Registration.
- d. Check list of document (Annexure-I)
- e. Copy of Income Tax Return Filed Acknowledgements for last Three years.
- f. Technical Specification/datasheet/brochure & Compliance statement Form (Annexure- II)
- g. Tender Acceptance letter (Technical Bid) Annexure-III
- h. Delivery schedule.
- i. Warranty details.
- j. The bidders should not have been suspended or blacklisted by any Govt. Organization (An undertaking to this effect must be submitted by the bidder that the firm has not been suspended or blacklisted by any Govt. Organization on company letter Head. (IV)
- k. Declaration as per **Annexure-V**
- l. Any other documents Bidder wishes to attach to prove his competence and to support information mentioned in the tender document.

Note:

- a) No Price information shall be mentioned in Technical Bid otherwise the entire bid shall be rejected

M. General instruction for price bid :

- 1) The Prices quoted should be inclusive of all taxes or duties etc. at destination site (ARIES, Devasthal Campus, Nainital). ARIES, Nainital is registered with DSIR, Govt. of India and is exempted from Custom / GST. Exemption Certificate to this effect will be issued by ARIES, Manora Peak, Nainital, if required. The rates shall be of firm and final. Nothing extra shall be paid on any account.
- 2) **Custom Duty/GST:** ARIES will provide necessary certificate as ARIES is registered with DSIR for the purpose of availing custom duty/GST exemption in terms of Government Notification No. 51/96-Customs dated 23rd July, 1996, Notfn.No. 28/2003- Customs dt.01.03.2003, Notfn. No. 43/2017-Customs dt. 30.06.2017 & Notification No. 47/2017- Integrated Tax (Rate) Dt.14-11-2017, Notfn.No.10/2018-Integrated Tax (Rate) dt. 25.01.2018, Notfn. No. 45/2017-Central tax (Rate) Dt 14.11.2017 and Notfn.No. 45/2017- Union Territory Tax (Rate) Dt. 14.11.2017 & Notfn. No. 9/2018-Central Tax (Rate) dt. 25.01.2018, Notfn. No. 9/2018- Union Territory tax (Rate) dt. 25.01.2018, as amended from time to time for research purposes only, to avail the exemption, ARIES shall provide the above certificate along with the supply order. Subject to above, indicate applicable duty.
- 3) **L1 will be decided on the basis of item Wise (On basic price of item).**
- 4) **Taxes/Other Charges:** GST charges should clearly be mentioned in price bid.


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N. Award of Contract:

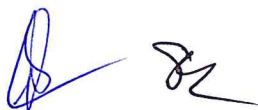
Contract will be awarded to successful bidder and a copy of the award of the contract will be uploaded in CPPP Portal after finalizing the tender.

O. Earnest Money Deposit

- a. Earnest Money Deposit (INR) Rs.60000.00 (Sixty thousand only) should be provided along with the technical bid in the form of Demand Draft (DD)/FDR(Fixed Deposit Receipt) from a Nationalized bank drawn in favour of "Director, ARIES", payable at Nainital.
- b. In case, if bidder is not willing to deposit in place of a bid security, this institute may require Bidders to sign a bid securing declaration accepting that if they withdraw or modify their bids during the period of validity, or if they are awarded the contract and they fail to sign the contract, or to submit a performance security before the deadline defined in the request for bids document, they will be suspended for the period of time specified in the request for bids document from being eligible to submit bids for contracts with the entity that invited the bids.
- c. Bidder registered with Department of Micro, Small and Medium Enterprises as MSMEs and having valid NSIC Registration are exemption for payment of EMD/Security deposited subject to submission of documentary evidence, Copies of registration certificate and other supporting document should be submitted in Technical bid.
- d. No interest shall be paid on the Earnest Money deposited by the tenderer. EMD of disqualified vender/ venders will be returned within 30 days after opening of commercial bid.

P. Other terms and conditions of the tender:

- a. Delivery: Within 90 Days from the date of received of the Purchase Order.
- b. **Insurance:** Transit insurance covering all risk for all the items is to be arranged by the supplier.
- c. **Validity:** The bid should be valid for acceptance up to a period of 120 Days. The Bidders should be ready to extend the validity, if required without any additional financial implications.
- d. Partial Shipment is prohibited.
- e. **Terms of Payment:-**
 1. No advance payment against pro forma invoice will be made.
 2. 90% after receipt, testing and approval of materials normally within 30 days and 10% after submitting performance security in the form of Bank Guarantee of 10% of the total value of item or else 10% amount will be released beyond 2 months after completion of warranty period. Performance bank Guarantee will be released beyond 2 months after the completion of warranty period.
- f. The opening of the tenders shall only be attended by an authorized representative of the firm whose name, designation and address should be indicated in the offer of the firm. Tendering firm shall issue a letter of authority to such representative indicating the tender No., date, and due on for the item. In no case un-authorized person shall be allowed to enter tender opening room.
- g. Liquidated damage as decided by ARIES will be charged, if the item(s) is/are not delivered within the stipulated time frame.
- h. ARIES reserves the right to levy a penalty for delay in delivery of material. This penalty shall be @ of 0.5 % of Purchase Order value per week of delay in deliveries/ execution of the order



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successfully, subject to maximum of 5% of the order value. Part of the week shall be considered as full week. ARIES will be free to Purchase the material at the risk & cost of supplier & cancel the order in case the delay is more than 3 weeks with forfeiture of EMD/Security Deposit.

- i. Any disputes, legal action/matters, arising out of/ resulting from/related or incident to the tender /quotation/Purchase order/invoices/delivery/payments shall be subject to exclusive jurisdiction of Nainital -263001. Laws of India shall govern this tender as well as any or all transactions /documents/deeds/actions/PO arising out of/ resulting from this tender.
- j. The Bank/RTGS details must be submitted along with the quotation/Tenders on the letter head.
- k. **Language of the Bid Proposal:** The Language of the bid proposal as prepared by the Bidders should be in English and all further correspondence with the office and all the documents pertaining to the bid proposal shall be in English.
- l. Prices should be quoted on F.O.R. ARIES, Devasthal, Nainital basis only.
- m. The number of quantity mentioned in **Annexure-II** may be increased or decreased.

Q. Force Majeure: If the performance of the obligation of either party is rendered commercially impossible by any of the events hereinafter mentioned the same party shall notice of 15 days from the date of such an event in writing to the others party.

- a) Government Regulation. b) Legislation. c) Natural disasters. d) Strike e) Lock out f) Act of God. .

R. Important Note: Amendment, Corrigendum if any to this tender document, will be hosted only on ARIES WEBSITE and CPP Portal and no separate press notification will be issued. Bidders are advised to visit our website and CPP Portal regularly to know such details.


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S. Check list of document (Technical Bid)

Annexure-I

Sl.No	Check list of documents/ undertakings	Yes/No.	Remarks (Give Explanation if answer is no.)
1	Name of the firm/company/proprietary concern registered		
2	Address of registered office		
3	Address of the office :		
4	Telephone Nos./Fax/E-mail		
5	Specify your firm/company is a manufacturer/ authorized dealer/ distributor/ Agency(Attach attested copy)		
6	MSME/NISC registered firms are exempted from paying the EMD (Attach attested copy)		
7	EMD Details / DD No./ Dated/ Drawn on Bank Amount :- Rupees :-		
8	PAN Card No. (Attach attested copy)		
9	GST Reg. No. (Attach attested copy)		
10	Copy of Income Tax Return Filed Acknowledgements for last Three years.		
11	Original Technical Catalogue of the quoted model (enclose)		
12	Acceptance of terms & conditions attached (Yes/No). Please sign each page of terms and conditions as token of Acceptance and submit as part of tender document		
13	The bidder must have a running shop for three years or in similar business of supply in Govt. Institutions/PSU's/ Autonomous Body/ Reputed private firms. Necessary supporting document like registration of shop, Work orders, work completion certificate etc. for last three years to this effect must be submitted along with the offer.		
14	Technical specification and compliance statement as per the tender document in Annexure-II.		


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15	Tender Acceptance Letter as per the tender document in Annexure-III.		
16	The bidders should not have been suspended or blacklisted by any Govt. Organization (An undertaking to this effect must be submitted by the bidder that the firm has not been suspended or blacklisted by any Govt. Organization on company letter Head. (IV)		
17	Declaration Certificate as per the tender document in Annexure-V.		
18	Delivery Schedule		
19	Warranty details		
20	Public Procurement (Preference of Make in India) Verification of Local Content self- certification that the item offered meets the local content requirement for 'Class-I local supplier'/ 'Class -II local supplier' as the case may be.		
21	Any other document bidder wisher to attach to prove his competence and to support information mentioned in the tender document		

(Signature of Authorized Person)

Name:

Designation:

Name of Firm/Company/Agency:

Contact Details




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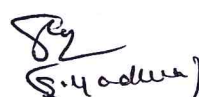
T. Technical Specification and compliance statement

Annexure-II

Sl. No.	Item Description	Part /Model No.	Make	Req. Qty (nos)	Compliance (Yes/No)
1	2	3	4	5	6
1	MCB, 4-POLE, 63 Amp.	Model No. 5SJ44	Make-Siemens	5	
2	MCB, 4-POLE, 40 Amp	Model No. 5SJ44	Make-Siemens	5	
3	MCB, 4-POLE, 32 Amp	Model No. 5SX44	Make-Siemens	5	
4	MCB, 4-POLE, 10 Amp.	Model No. 5SX44	Make-Siemens	5	
5	MCB, 3-POLE, 32 Amp	Model No. 5SQ23	Make-Siemens	10	
6	MCB, 3-POLE, 16 Amp	Model No. 5SL63167RC	Make-Siemens	10	
7	MCB, 3-POLE, 10 Amp	Model No. 5SX43	Make-Siemens	10	
8	MCB, 2-POLE, 32 Amp	Model No. 5SX42	Make-Siemens	10	
9	MCB, 2-POLE, 25 Amp.	Model No. 5SX42	Make- Siemens	5	
10	MCB, 2-POLE, 16 Amp	Model No. 5SX42	Make- Siemens	10	
11	Solid state relay; 20A 24-230V/ 24VDC	Model No. 3RF23201AA02	Make- Siemens	2	
12	PTC Module Thermistor motor protection relay, 24-240 V AC/DC	Model No. 3RN1062-1CW00	Make- Siemens	2	
13	Contactor 3 Poles 12 A, 24V DC	Model No. 3RT1024-1BB40 / 3RT2024-1BB40	Make- Siemens	2	
14	Contactor, AC-1 22A, 14.5KW/ 400V AC 24VDC, 4-Pole, Size S00, screw connection	Model No. 3RT1317-1BB40 / 3RT2317-1BB40	Make- Siemens	2	
15	Contactor, AC-1 110A, 72KW/400V AC 220V, 4-Pole, Size S3, screw connection	Model No. 3RT1344-1AP00	Make- Siemens	1	
16	Contactor S00 14.5 KW, 22 A, 24V DC	Model No. 3RT2317-1BB40	Make- Siemens	2	
17	Motor Circuit Breaker S0 5,5-8A	Model No. 3RV10211HA10	Make- Siemens	2	
18	Motor Circuit Breaker S0 9-12A	Model No. 3RV10211KA10	Make- Siemens	2	
19	Motor Circuit Breaker S2 28-40A	Model No. 3RV10314FA10	Make- Siemens	1	
20	Residual Current Breaker - 2 poles-20A- 300mA - D-curve	Model No. 5SM2 622-6	Make- Siemens	1	
21	Residual Current Breaker - 4 poles - 300mA - 100A	Model No. 5SM3648-6	Make- Siemens	1	
22	Circuit breaker, 4 poles ;In: 100A;D Curve; Icc:10000 A (EN 60 204-1)	Model No. 5SP4491-8	Make- Siemens	1	


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23	Circuit breaker C 60 N 2 pole;In 3A;A Curve; Icc 10000 A (EN 60 898)	Model No. 5SY4203-5 / 5SL42037RC	Make- Siemens	3	
24	Circuit breaker 1 pole;In:4A;C Curve; Icc 6000 A (EN 60898-1)	Model No. 5SY6104-7 / 5SL41047RC	Make- Siemens	8	
25	Circuit breaker C 60 N 1 pole;In 6A;C curve; Icc 6000 A (EN 60 898)	Model No. 5SY6106-7 / 5SL41067RC	Make- Siemens	3	
26	Circuit breaker, 2 pole;In: 2A;C Curve; Icc:6000 A (EN 60 898-1)	Model No. 5SY6202-7 / 5SL42027RC	Make- Siemens	2	
27	Circuit breaker, 2 poles;In: 4A;C Curve; Icc:6000 A (EN 60 898-1)	Model No. 5SY6204-7 / 5SL42047RC	Make- Siemens	5	
28	Circuit breaker 2 poles ;In:6A;B Curve; Icc 6000 A (EN 60 898-1)	Model No. 5SY6206-6 / 5SL62066RC	Make- Siemens	2	
29	Circuit breaker 2 poles;In:6A;C Curve; Icc 6000 A (EN 60898-1)	Model No. 5SY6206-7 / 5SL42067RC	Make- Siemens	2	
30	Circuit breaker 2 pole ;In:8A;C Curve; Icc 6000 A (EN 60 898-1)	Model No. 5SY6208-7 / 5SL42087RC	Make- Siemens	2	
31	Circuit breaker, 2 poles;In: 10A;C Curve; Icc:6000 A (EN 60 898-1)	Model No.5SY6210-7 / 5SL42107RC	Make- Siemens	2	
32	Circuit breaker 2 poles ;In:10A;D Curve; Icc 6000 A (EN 60 898-1)	Model No. 5SY6210-8 / 5SL72108RC	Make- Siemens	2	
33	Circuit breaker, 2 pole ;In: 16A;C Curve; Icc:6000 A (EN 60 898-1)	Model No. 5SY6216-7 / 5SL42167RC	Make- Siemens	4	
34	Circuit breaker 2 poles ;In:16A;D Curve; Icc 6000 A (EN 60 898-1)	Model No. 5SY6216-8 / 5SL72168RC	Make- Siemens	2	
35	Circuit breaker 2 poles ;In:20A;C Curve; Icc 6000 A (EN 60 898-1)	Model No. 5SY6220-7 / 5SL42207RC	Make- Siemens	2	
36	Circuit breaker 2 poles ;In:20A;D Curve; Icc 6000 A (EN 60 898-1)	Model No.5SY6220-8 / 5SL72208RC	Make- Siemens	2	
37	Circuit breaker 3 pole ;In:4A;C Curve; Icc 6000 A (EN 60 898-1)	Model No. 5SY6304-7 / 5SL43047RC	Make- Siemens	2	
38	Circuit breaker, 3 pole;In: 6A;B Curve; Icc:6000 A (EN 60 898-1)	Model No.5SY6306-6 / 5SL63066RC	Make- Siemens	2	
39	Circuit breaker, 3 poles ;In: 32A;C Curve; Icc:6000 A (EN 60 898-1)	Model No.5SY6332-7 / 5SL43327RC	Make- Siemens	2	


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40	Circuit breaker 3 poles;In:40A;C Curve; Icc 6000 A (EN 60 898-1)	Model No.5SY6340-7 / 5SL43407RC	Make- Siemens	2	
41	Circuit breaker 4 poles;In: 6A;C Curve; Icc 6000 A (EN 60 898-1)	Model No. 5SY6406-7 / 5SL44067RC	Make- Siemens	2	
42	Circuit breaker 4 poles ;In:16A;B Curve; Icc 6000 A (EN 60 898-1)	Model No.5SY6416-6 / 5SL64166RC	Make- Siemens	2	
43	Circuit breaker 4 poles ;In:20A;C Curve; Icc 6000 A (EN 60 898-1)	Model No. 5SY6420-7 / 5SL44207RC	Make- Siemens	2	
44	Circuit breaker, 4 poles;In: 25A;C Curve; Icc:6000 A (EN 60 898-1)	Model No. 5SY6425-7 / 5SL44257RC	Make- Siemens	2	
45	Circuit breaker 4 pole;In:40A;C Curve; Icc 6000 A (EN 60 898-1)	Model No. 5SY6440-7 / 5SL44407RC	Make- Siemens	2	
46	Circuit breaker, 4 pole;In: 40A;D Curve; Icc:6000 A (EN 60 898-1)	Model No. 5SY6440-8 / 5SL74408RC	Make- Siemens	2	
47	Circuit breaker 4 poles ;In:63A;D Curve; Icc 6000 A (EN 60 898-1)	Model No. 5SY6463-8 / 5SL74638RC	Make- Siemens	2	
48	Circuit-breaker - 1A - TypeC	Model No. 5SY6501-7 / 5SL42017RC	Make- Siemens	2	
49	Circuit-breaker - 2A - TypeC	Model No. 5SY6502-7 / 5SL42027RC	Make- Siemens	2	
50	Circuit-breaker - 4A - TypeC	Model No. 5SY6504-7 / 5SL42047RC	Make- Siemens	2	
51	Circuit-breaker - 5A - TypeC	Model No. 5SY6505-7 / 5SL42057RC	Make- Siemens	2	
52	Circuit-breaker - 6A - TypeC	Model No. 5SY6506-7 / 5SL42067RC	Make- Siemens	2	
53	SINAMICS G110 frequency inverter, Analog filtered, 0.12 kW, input 230 VAC (one phase) 2.3A, output 3-phase 0.9A, Recommended Fuse 10A, Input Cable 1.0–2.5mm ² , Output Cable 1.0–2.5mm ²	Model No. 6SL3211-0AB11-2BA1	Make- Siemens	1	
54	SINAMICS G110 frequency inverter, Analog filtered, 0.75 kW, input 230 VAC (one phase) 10A, output 3-phase 3.9A, Recommended Fuse 16A, Input Cable 1.5–2.5mm ² , Output Cable 1.0–2.5mm ²	Model No. 6SL3211-0AB17-5BA1	Make- Siemens	1	
55	Soft Starter S00 4KW 40C 400VAC	Model No. 3RW30161CB04/ 3RW4024-1BB04	Make- Siemens	1	

56	Soft Stater S2 18,5KW 40C 400VAC	Model No. 3RW30351AB04/ 3RW4028-1BB04	Make- Siemens	1	
57	PLC SYSTEM-CPU 1214C, DC/DC/DC, 14DI/10DO/2AI,	Model No.6ES7214-1AG40-0XB0	Make- Siemens	2	
58	Digital Input SM 1221 DC, 8DI, 24V DC	Model No. 6ES7221-1BF32-0XB0	Make- Siemens	2	
59	Digital Input SM 1221 DC, 16DI, 24V DC	Model No.6ES7221-1BH32-0XB0	Make- Siemens	2	
60	Digital Output SM1222 DC, 16 DO, 24V DC	Model No. 6ES7222-1BH32-0XB0	Make- Siemens	2	
61	Power Supply 24VDC / 6.2 Amp. DIN RAIL Panel Mount, PSU100D	Model No. 6EP1333-1LD00	Make- Siemens	2	
62	Stepper Motor with Accessory, Part No. ARM66AC With driver (pulse input type), Part No. ARD-C and 7 meter motor connection cable set, Part No. CC070VAF	Part No. ARM66AC Part No. ARD-C Part No. CC070VAF	Make- Orientalmotor	4	
63	Data setter control module,	Part No. OPX-2A	Make- Orientalmotor	1	
64	Flexible Coupling	Part No. MCS301014	Make- Orientalmotor	2	
65	Motor mounting bracket,	Part No. PAL2P-5A	Make- Orientalmotor	2	
66	Texas Instruments Simplelink Sensortag Board based on CC3200 Wireless MCU	Part No. CC3200STK-WIFIMK Board based on CC3200 Wireless MCU	Make: Texas Instruments	30	
67	4-Q linear Servo, supply voltage: 11-30 VDC, max. power with heatsink: 75W, nominal current: 3A,	Part No.: DA4303	Make- ElectroCraft,	2	
68	4-Q PWM Servo, 24 VDC, 6 A continuous,	Part No. DA4709	Make- ElectroCraft,	2	
69	1 GB B&R Industrial CF card, SLC type	Mode No. 15CFCRD.1024-03	Make :- B& R	2	
70	HMI display (10 inch Approx.)	Part No. 6ACCRPP1.0000-000 & Part No. 6PPT30.101G-20W With Installation Kit	Make :- B& R	1	
71	CPU Lithium Cell	Part No. 4A0006.00-000	Make :- B& R	1	
72	B&R PLC	X20DI9371	Make :- B& R	9	
73	B&R PLC	X20DO9322	Make :- B& R	6	

74	B&R PLC	X20AT4222	Make :- B& R	11	
75	B&R PLC	X20BT9100	Make :- B& R	1	
76	B&R PLC	X20AI4632	Make :- B& R	1	
77	B&R PLC	X20BC0083	Make :- B& R	1	
78	B&R PLC	X20PS9400	Make :- B& R	3	
79	B&R PLC	X20AI4622	Make :- B& R	7	
80	B&R PLC	X20BC0083	Make :- B& R	2	
81	B&R PLC	X20HB2880	Make :- B& R	1	
82	B&R PLC	X20BB80	Make :- B& R	1	
83	B&R PLC	X20BM11	Make :- B& R	1	
84	3 pin, 13 Amp, male circular connector	MS3102R16S-5-P	Make: Allied/ Amphenol	5	
85		MS3106F16S-5-P	Make: Allied/ Amphenol	5	
86	3 pin, 13 Amp, female circular connector	MS3102R16S-5-S	Make: Allied/ Amphenol	5	
87		MS3106F16S-5-S	Make: Allied/ Amphenol	5	
88	3 pin, 23 Amp, male circular connector	MS3102R16-I0-P	Make: Allied/ Amphenol	5	
89		MS3106F16-I0-P	Make: Allied/ Amphenol	5	
90	3 pin, 23 Amp, female circular connector	MS3102R16-I0-S	Make: Allied/ Amphenol	5	
91		MS3106F16-I0-S	Make: Allied/ Amphenol	5	
92	5 pin, 13 Amp, male circular connector	MS3102R16S-8-P	Make: Allied/ Amphenol	10	
93		MS3106F16S-8-P	Make: Allied/ Amphenol	10	
94	5 pin, 13 Amp, female circular connector	MS3102R16S-8-S	Make: Allied/ Amphenol	10	

95		MS3106F16S-8-S	Make: Allied/ Amphenol	10	
96	5 pin, 23 Amp, male circular connector	MS3102R18-II-P	Make: Allied/ Amphenol	5	
97		MS3106F18-II-P	Make: Allied/ Amphenol	5	
98	5 pin, 23 Amp, female circular connector	MS3102R18-II-S	Make: Allied/ Amphenol	5	
99		MS3106F18-II-S	Make: Allied/ Amphenol	5	
100	6 pin, 13 Amp, male circular connector	MS3102R18-I2-P	Make: Allied/ Amphenol	10	
101		MS3106F18-I2-P	Make: Allied/ Amphenol	10	
102	6 pin, 13 Amp, female circular connector	MS3102R18-I2-S	Make: Allied/ Amphenol	10	
103		MS3106F18-I2-S	Make: Allied/ Amphenol	10	
104	6 pin, 23 Amp, male circular connector	MS3102R20-17-P	Make: Allied/ Amphenol	5	
105		MS3106F20-17-P	Make: Allied/ Amphenol	5	
106	6 pin, 23 Amp, female circular connector	MS3102R20-17-S	Make: Allied/ Amphenol	5	
107		MS3106F20-17-S	Make: Allied/ Amphenol	5	
108	7 pin, 13 Amp, male circular connector	MS3102R16-1-P	Make: Allied/ Amphenol	5	
109		MS3106F16-1-P	Make: Allied/ Amphenol	5	
110	7 pin, 13 Amp, female circular connector	MS3102R16-1-S	Make: Allied/ Amphenol	5	
111		MS3106F16-1-S	Make: Allied/ Amphenol	5	

112	8 pin, 13 Amp, male circular connector	MS3102R18-8-P	Make: Allied/ Amphenol	5	
113		MS3106F18-8-P	Make: Allied/ Amphenol	5	
114	8 pin, 13 Amp, female circular connector	MS3102R18-8-S	Make: Allied/ Amphenol	5	
115		MS3106F18-8-S	Make: Allied/ Amphenol	5	
116	10 pin, 13 Amp, male circular connector	MS3102R18-1-P	Make: Allied/ Amphenol	10	
117		MS3106F18-1-P	Make: Allied/ Amphenol	10	
118	10 pin, 13 Amp, female circular connector	MS3102R18-1-S	Make: Allied/ Amphenol	10	
119		MS3106F18-1-S	Make: Allied/ Amphenol	10	
120	12 pin, 13 Amp, male circular connector	MS3102R28-8-P	Make: Allied/ Amphenol	10	
121		MS3106F28-8-P	Make: Allied/ Amphenol	10	
122	12 pin, 13 Amp, female circular connector	MS3102R28-8-S	Make: Allied/ Amphenol	10	
123		MS3106F28-8-S	Make: Allied/ Amphenol	10	
124	16 pin, 13 Amp, male circular connector	MS3102R24-5-P	Make: Allied/ Amphenol	10	
125		MS3106F24-5-P	Make: Allied/ Amphenol	10	
126	16 pin, 13 Amp, female circular connector	MS3102R24-5-S	Make: Allied/ Amphenol	10	
127		MS3106F24-5-S	Make: Allied/ Amphenol	10	
128	20 pin, 13 Amp, male circular connector	MS3102R28-16-P	Make: Allied/ Amphenol	5	

129		MS3106F28-16-P	Make: Allied/ Amphenol	5	
130	20 pin, 13 Amp, female circular connector	MS3102R28-16-S	Make: Allied/ Amphenol	5	
131		MS3106F28-16-S	Make: Allied/ Amphenol	5	
132	24 pin, 13 Amp, male circular connector	MS3102R24-28-P	Make: Allied/ Amphenol	5	
133		MS3106F24-28-P	Make: Allied/ Amphenol	5	
134	24 pin, 13 Amp, female circular connector	MS3102R24-28-S	Make: Allied/ Amphenol	5	
135		MS3106F24-28-S	Make: Allied/ Amphenol	5	

Note:

1. Obsolete part/ model No. may be quoted with its equivalent new part/ model No., compatible with old one of same make.
2. Training should be arranged /provided by the suppliers for B&R & Siemens Make PLCs related items.

(Signature of Authorized Person)

Name:

Designation:

Name of Firm/Company/Agency:

Contact Details


Registrar
ARIES, Manora Park
Nainital





U. TENDER ACCEPTANCE LETTER

(To be given on Company Letter Head)

Date:

To,

Sub: Acceptance of Terms & Conditions of Tender.

Tender Reference No: _____

Name of Tender / Work: -

Dear Sir,

1. I/ We have downloaded / obtained the tender document(s) for the above mentioned Tender/Work' from the web site(s) namely:

as per your advertisement, given in the above mentioned website(s).

2. I / We hereby certify that I / we have read the entire terms and conditions of the tender documents from Page No. _____ to _____ (including all documents like annexure(s), schedule(s), etc. .), which form part of the contract agreement and I / we shall abide hereby by the terms / conditions / clauses contained therein.

3. The corrigendum(s) issued from time to time by your department/ organizations too have also been taken into consideration, while submitting this acceptance letter.


4. I / We hereby unconditionally accept the tender conditions of above mentioned tender document(s) / corrigendum(s) in its totality / entirety.

5. I / We do hereby declare that our Firm has not been blacklisted/ debarred by any Govt. Department/Public sector undertaking.

6. I / We certify that all information furnished by the our Firm is true & correct and in the event that the information is found to be incorrect/untrue or found violated, then your department/ organization shall without giving any notice or reason therefore or summarily reject the bid or terminate the contract, without prejudice to any other rights or remedy including the forfeiture of the full said earnest money deposit absolutely.

Yours Faithfully,

(Signature of the Bidder, with Official Seal)


Registrar
ARIES, Manora Peak
Nainital

V. UNDERTAKING REGARDING BLACKLISTING

(To be given on Company Letter Head)

Date:

To,

The Director,
ARIES, Manora Peak,
Nainital -263001

Sub: Acceptance of Terms & Conditions of Tender.

Tender Reference No: _____

Name of Tender / Work: -

We hereby confirm and declare that we, M/s _____, is not blacklisted/
De-registered/ debarred by any Government department/Public Sector Undertaking/ Private Sector/ or
any other agency for which we have Executed/ Undertaken the works/ Services.

For -----Authorised Signatory

Date:


Registrar
ARIES, Manora Peak
Nainital




W. DECLARATION

(To be given on Company Letter Head)

From:-

M/s.....

To

The Director,

ARIES, Nainital-263 001.

Uttarakhand.

1. I, _____ Son / Daughter / Wife of
Shri _____ Proprietor/Director authorized signatory of the
agency/Firm, mentioned above, is competent to sign this declaration and execute this tender document;

2. I have carefully read and understood all the terms and conditions of the tender and undertake to abide by them;

3. The information / documents furnished along with the above application are true and authentic to the best of my knowledge and belief. I / we, am / are well aware of the fact that furnishing of any false information / fabricated document would lead to rejection of my tender at any stage besides liabilities towards prosecution under appropriate law.

4. I/We further undertake that none of the Proprietor/Partners/Directors of the Agency/agency was or is Proprietor or Partner or Director of any Agency with whom the Government have banned /suspended business dealings. I/We further undertake to report to the Director, ARIES , Nainital immediately after we are informed but in any case not later 15 days, if any Agency in which Proprietor/Partners/Directors are Proprietor or Partner or Director of such an Agency, which is banned/suspended in future during the currency of the Contract with you.

Yours faithfully,

(Signature of the Bidder)

Date:

Name:

Place:

Designation

Seal of the Agency

Address:




Registrar
ARIES, Manora Peak
Nainital

X. Public Procurement (Preference of Make of India).

Verification of Local Content.

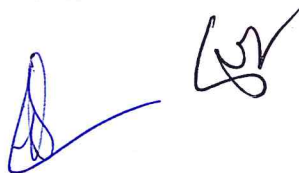
- a. This 'Class-I local supplier'/'Class-II local supplier' at the time of tender, bidding or solicitation shall be required to indicate percentage of local content and provide self-certification that the item offered meets the local content requirement for 'Class-I local supplier'/'Class -II local supplier' as the case may be. They shall also give details of the location(s) at which the local value addition is made.

Definitions:

'Local content' means the amount of value added in India which shall, unless otherwise prescribed by the Nodal Ministry, be the total value of the item procured (excluding net domestic indirect taxes) minus the value of imported content in the item (including all customs duties) as a proportion of the total value, in percent.

Class -I local supplier' means a supplier or service provider, whose goods, services or work offered for procurement, has local content equal to or more than 50%, as defined under this order.

'Class -II local supplier' means a supplier or service provider, whose goods, services or works offered for procurement, has local content more than 20% but less than 50%, as defined under order No. P-45021/02/2017-PP (BE-II) Dated: 04th June, 2020 issued by Ministry of Commerce and Industry, Department for Promotion of Industry and Internal Trade, Udyog Bhawan, New Delhi.




Registrar
ARIES, Manora Peak
Nainital.

Tender Inviting Authority: <Aryabhata Research Institute of Observational (ARIES), Manora Peak, Nainital>

Name of Work: < Spare part for 3.6 meter DOT at ARIES, Devasthal, Nainital Uttarakhand >

Contract No: <05942270777, 0594227023, 05942270729>

Name of the Bidder/ Bidding Firm / Company :		PRICE SCHEDULE																
(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)																		
NUMBER #	TEXT #	Item Description	TEXT #	Item Code / Make	NUMBER #	Quantity	TEXT #	Units	NUMBER #	BASIC RATE in Figures To be entered by the Bidder in Rs. P	NUMBER #	GST in Rs. P	NUMBER #	TOTAL AMOUNT Without Taxes in Rs. P	NUMBER #	TOTAL AMOUNT With Taxes in Rs. P	TEXT #	TOTAL AMOUNT in Words
1	2			3		4	5	Nos	7		9		15		16		17	
1		MCB, 4-POLE, 63 Amp. Make-Siemens Model No. 55J44	item1			5								0.00		0.00	INR Zero Only	
2		MCB, 4-POLE, 40 Amp. Siemens Model No. 55J44	item2	Make-Model		5		Nos						0.00		0.00	INR Zero Only	
3		MCB, 4-POLE, 32 Amp. Siemens Model No. 55X44	item3	Make-Model No.		5		Nos						0.00		0.00	INR Zero Only	
4		MCB, 4-POLE, 10 Amp. Siemens Model No. 55X44	item4	Make-Model		5		Nos						0.00		0.00	INR Zero Only	
5		MCB, 3-POLE, 32 Amp. Siemens Model No. 55Q23	item5	Make-Model		10		Nos						0.00		0.00	INR Zero Only	
6		MCB, 3-POLE, 16 Amp. Siemens Model No. 55L63167RC	item6	Make-Model No.		10		Nos						0.00		0.00	INR Zero Only	
7		MCB, 3-POLE, 10 Amp. Siemens Model No. 55X43	item7	Make-Model		10		Nos						0.00		0.00	INR Zero Only	
8		MCB, 2-POLE, 32 Amp. Siemens Model No. 55X42	item8	Make-Model		10		Nos						0.00		0.00	INR Zero Only	
9		MCB, 2-POLE, 25 Amp. Siemens Model No. 55X42	item9	Make-Model		5		Nos						0.00		0.00	INR Zero Only	
10		MCB, 2-POLE, 16 Amp. Siemens Model No. 55X42	item10	Make-Model		10		Nos						0.00		0.00	INR Zero Only	

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DITC

11	Solid state relay, 20A 24-230V/ 24VDC Make- Siemens Model No. 3RF3201AA02	Item11	2	Nos					0.00		0.00	INR Zero Only
12	PTC Module Thermistor motor protection relay, 24-240 V AC/DC Make- Siemens Model No. 3RN1062-1CWN00	Item12	2	Nos					0.00		0.00	INR Zero Only
13	Contactor 3 Poles 12 A, 24V DC Make- Siemens Model No. 3RT1024-1BB40 / 3RT2024-1BB40	Item13	2	Nos					0.00		0.00	INR Zero Only
14	Contactor, AC-1 22A, 14.5KV/ 400V AC 24VDC, 4- Pole, Size500, screw connection Make- Siemens Model No. 3RT1317-1BB40 / 3RT2317-1BB40	Item14	2	Nos					0.00		0.00	INR Zero Only
15	Contactor, AC-1 110A, 72KV/400V AC 220V, 4-Pole, Size 53, screw connection Make- Siemens Model No. 3RT1344-1AP00	Item15	1	Nos					0.00		0.00	INR Zero Only
16	Contactor 500 14.5 KW, 22 A, 24V DC Make- Siemens Model No. 3RT2317-1BB40	Item16	2	Nos					0.00		0.00	INR Zero Only
17	Motor Circuit Breaker 50 5.5-8A Make- Siemens Model No. 3RV10211HA10	Item17	2	Nos					0.00		0.00	INR Zero Only
18	Motor Circuit Breaker 50 9-12A Make- Siemens Model No. 3RV10211KA10	Item18	2	Nos					0.00		0.00	INR Zero Only
19	Motor Circuit Breaker 52 28-40A Make- Siemens Model No. 3RV10314FA10	Item19	1	Nos					0.00		0.00	INR Zero Only
20	Residual Current Breaker - 2 poles -20A- 300mA - D-curve Make- Siemens Model No. 5SM2 622-6	Item20	1	Nos					0.00		0.00	INR Zero Only
21	Residual Current Breaker - 4 poles - 300mA - 100A Make- Siemens Model No. 5SM3648-6	Item21	1	Nos					0.00		0.00	INR Zero Only
22	Circuit breaker, 4 poles ;in: 100A;D Curve; lcc:10000 A (EN 60 204-1) Make- Siemens Model No. 5SP491-8	Item22	1	Nos					0.00		0.00	INR Zero Only
23	Circuit breaker C 60 N 2 pole;in 3A;A Curve; lcc 10000 A (EN 60 898) Make- Siemens Model No. 5SY4203-5 / 5SL42037RC	Item23	3	Nos					0.00		0.00	INR Zero Only
24	Circuit breaker 1 pole;in 4A;C Curve; lcc 6000 A (EN 60898-1) Make- Siemens Model No. 5SY6104-7 / 5SL41047RC	Item24	8	Nos					0.00		0.00	INR Zero Only


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25	Circuit breaker C 60 N 1 pole; In 6A; C curve; Icc 6000 A (EN 60898-1) Make- Siemens Model No. 5SY6106-7 / 5SL41067RC	item25	3	Nos		0.00	0.00	0.00	INR Zero Only
26	Circuit breaker, 2 poles; In: 2A; C Curve; Icc: 6000 A (EN 60898-1) Make- Siemens Model No. 5SY6202-7 / 5SL42027RC	item26	2	Nos		0.00	0.00	0.00	INR Zero Only
27	Circuit breaker, 2 poles; In: 4A; C Curve; Icc: 6000 A (EN 60898-1) Make- Siemens Model No. 5SY6204-7 / 5SL42047RC	item27	5	Nos		0.00	0.00	0.00	INR Zero Only
28	Circuit breaker 2 poles; In: 6A; B Curve; Icc 6000 A (EN 60898-1) Make- Siemens Model No. 5SY6206-6 / 5SL62066RC	item28	2	Nos		0.00	0.00	0.00	INR Zero Only
29	Circuit breaker 2 poles; In: 6A; C Curve; Icc 6000 A (EN 60898-1) Make- Siemens Model No. 5SY6208-7 / 5SL42087RC	item29	2	Nos		0.00	0.00	0.00	INR Zero Only
30	Circuit breaker 2 pole; In: 8A; C Curve; Icc 6000 A (EN 60898-1) Make- Siemens Model No. 5SY6206-7 / 5SL42067RC	item30	2	Nos		0.00	0.00	0.00	INR Zero Only
31	Circuit breaker, 2 poles; In: 10A; C Curve; Icc: 6000 A (EN 60898-1) Make- Siemens Model No. 5SY6210-7 / 5SL42107RC	item31	2	Nos		0.00	0.00	0.00	INR Zero Only
32	Circuit breaker 2 poles; In: 10A; D Curve; Icc 6000 A (EN 60898-1) Make- Siemens Model No. 5SY6210-8 / 5SL72108RC	item32	2	Nos		0.00	0.00	0.00	INR Zero Only
33	Circuit breaker, 2 pole; In: 16A; C Curve; Icc: 6000 A (EN 60898-1) Make- Siemens Model No. 5SY6216-7 / 5SL42167RC	item33	4	Nos		0.00	0.00	0.00	INR Zero Only
34	Circuit breaker 2 poles; In: 16A; D Curve; Icc 6000 A (EN 60898-1) Make- Siemens Model No. 5SY6216-8 / 5SL72168RC	item34	2	Nos		0.00	0.00	0.00	INR Zero Only
35	Circuit breaker 2 poles; In: 20A; C Curve; Icc 6000 A (EN 60898-1) Make- Siemens Model No. 5SY6220-7 / 5SL42207RC	item35	2	Nos		0.00	0.00	0.00	INR Zero Only
36	Circuit breaker 2 poles; In: 20A; D Curve; Icc 6000 A (EN 60898-1) Make- Siemens Model No. 5SY6220-8 / 5SL72208RC	item36	2	Nos		0.00	0.00	0.00	INR Zero Only


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 ARIES, Manora Peak

37	Circuit breaker 3 pole ;In:4A;C Curve; lcc 6000 A (EN 60 898-1) Make- Siemens Model No. 5SY6304-7 / 5SL43047RC	Item37	2	Nos		0.00	0.00	INR Zero Only
38	Circuit breaker, 3 pole;In: 6A;B Curve; lcc:6000 A (EN 60 898-1) Make- Siemens Model No.5SY6306-6 / 5SL63066RC	Item38	2	Nos		0.00	0.00	INR Zero Only
39	Circuit breaker, 3 poles ;In: 32A;C Curve; lcc:6000 A (EN 60 898-1) Make- Siemens Model No.5SY6332-7 / 5SL43327RC	Item39	2	Nos		0.00	0.00	INR Zero Only
40	Circuit breaker 3 poles;In:40A;C Curve; lcc 6000 A (EN 60 898-1) Make- Siemens Model No.5SY6340-7 / 5SL43407RC	Item40	2	Nos		0.00	0.00	INR Zero Only
41	Circuit breaker 4 poles;In: 6A;C Curve; lcc 6000 A (EN 60 898-1) Make- Siemens Model No. 5SY6406-7 / 5SL44067RC	Item41	2	Nos		0.00	0.00	INR Zero Only
42	Circuit breaker 4 poles ;In:16A;B Curve; lcc 6000 A (EN 60 898-1) Make- Siemens Model No.5SY6416-6 / 5SL64166RC	Item42	2	Nos		0.00	0.00	INR Zero Only
43	Circuit breaker 4 poles ;In:20A;C Curve; lcc 6000 A (EN 60 898-1) Make- Siemens Model No. 5SY6420-7 / 5SL44207RC	Item43	2	Nos		0.00	0.00	INR Zero Only
44	Circuit breaker, 4 poles;In: 25A;C Curve; lcc:6000 A (EN 60 898-1) Make- Siemens Model No. 5SY6425-7 / 5SL44257RC	Item44	2	Nos		0.00	0.00	INR Zero Only
45	Circuit breaker 4 pole;In:40A;C Curve; lcc 6000 A (EN 60 898-1) Make- Siemens Model No. 5SY6440-7 / 5SL44407RC	Item45	2	Nos		0.00	0.00	INR Zero Only
46	Circuit breaker, 4 pole;In: 40A;D Curve; lcc:6000 A (EN 60 898-1) Make- Siemens Model No. 5SY6440-8 / 5SL74408RC	Item46	2	Nos		0.00	0.00	INR Zero Only
47	Circuit breaker 4 poles ;In:63A;D Curve; lcc 6000 A (EN 60 898-1) Make- Siemens Model No. 5SY6463-8 / 5SL74638RC	Item47	2	Nos		0.00	0.00	INR Zero Only
48	Circuit-breaker - 1A - TypeC Make- Siemens Model No. 5SY6501-7 / 5SL42017RC	Item48	2	Nos		0.00	0.00	INR Zero Only
49	Circuit-breaker - 2A - TypeC Make- Siemens Model No. 5SY6502-7 / 5SL42027RC	Item49	2	Nos		0.00	0.00	INR Zero Only

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50	Circuit-breaker - 4A - TypeC Make- Siemens Model No. 5SY6504-7 / 5SL42047RC	item50	2	Nos		0.00	0.00	INR Zero Only	
51	Circuit-breaker - 5A - TypeC Make- Siemens Model No. 5SY6505-7 / 5SL42057RC	item51	2	Nos		0.00	0.00	INR Zero Only	
52	Circuit-breaker - 6A - TypeC Make- Siemens Model No. 5SY6506-7 / 5SL42067RC	item52	2	Nos		0.00	0.00	INR Zero Only	
53	SINAMICS G110 frequency inverter, Analog filtered, 0.12 kW, Input 230 VAC (one phase) 2.3A, output 3-phase 0.9A, Recommended Fuse 16A, Input Cable 1.0-2.5mm ² , Output Cable 1.0-2.5mm ² Make- Siemens Model No. 6SL3211-0AB11-2BA1	item53	1	Nos		0.00	0.00	INR Zero Only	
54	SINAMICS G110 frequency inverter, Analog filtered, 0.75 kW, Input 230 VAC (one phase) 10A, output 3-phase 3.9A, Recommended Fuse 16A, Input Cable 1.5-2.5mm ² , Output Cable 1.0-2.5mm ² Make- Siemens Model No. 6SL3211-0AB17-5BA1	item54	1	Nos		0.00	0.00	INR Zero Only	
55	Soft Starter 500 4KW 40C 400VAC Make- Siemens Model No. 3RW30161CB04/ 3RW4024-1BB04	item55	1	Nos		0.00	0.00	INR Zero Only	
56	Soft Starter S2 18.5KW 40C 400VAC Make- Siemens Model No. 3RW30351AB04/ 3RW4028-1BB04	item56	1	Nos		0.00	0.00	INR Zero Only	
57	PLC SYSTEM-CPU 1214C, DC/DC/DC, 14DI/16DO/2AI, Make- Siemens Model No. 6ES7214-1AG40-0XB0	item57	2	Nos		0.00	0.00	INR Zero Only	
58	Digital Input SM 1221 DC, 8DI, 24V DC Make- Siemens Model No. 6ES7221-1BF32-0XB0	item58	2	Nos		0.00	0.00	INR Zero Only	
59	Digital Input SM 1221 DC, 16DI, 24V DC Make- Siemens Model No. 6ES7221-1BH32-0XB0	item59	2	Nos		0.00	0.00	INR Zero Only	
60	Digital Output SM1222 DC, 16 DO, 24V DC Make- Siemens Model No. 6ES7222-1BH32-0XB0	item60	2	Nos		0.00	0.00	INR Zero Only	
61	Power Supply 24VDC / 6.2 Amp. DIN RAIL Panel Mount, PSU100D Make- Siemens Model No. 6EP1333-1LD00	item61	2	Nos		0.00	0.00	INR Zero Only	
62	Stepper Motor with Accessory, Part No. ARM66AC With driver (pulse input type), Part No. ARD-C and 7 meter motor connection cable set, Part No. CC070VAF (Orientalmotor make)	item62	4	Nos		0.00	0.00	INR Zero Only	
63	Data setter control module, Part No. OPX-2A (Orientalmotor make)	item63	1	Nos		0.00	0.00	INR Zero Only	

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64	Flexible Coupling Part No. MCS301014 (Orientalmotor make)	item64	2	Nos			0.00	0.00	INR Zero Only
65	Motor mounting bracket, Part No. PAL2P-5A (Orientalmotor make)	item65	2	Nos			0.00	0.00	INR Zero Only
66	Texas Instruments Simplelink Sensortag Part no. CC3200STK-WIFIMK Board based on CC3200 Wireless MCU	item66	30	Nos			0.00	0.00	INR Zero Only
67	4-Q linear Servo, supply voltage: 11-30 VDC, max. power with heatsink: 75W, nominal current: 3A, Make- ElectroCraft, Part No.: DA4303	item67	2	Nos			0.00	0.00	INR Zero Only
68	4-Q PWM Servo, 24 VDC, 6 A continuous, Make- ElectroCraft, Part No. DA4709	item68	2	Nos			0.00	0.00	INR Zero Only
69	1 GB B&R Industrial CF card, SLC type, model 5CFCRD.1024- 03, Make- B&R	item69	2	Nos			0.00	0.00	INR Zero Only
70	HMI display (10 inch Approx.) Part No. 6PPT30.101G-20W With installation Kit Part No. 6ACCRPP1.0000-000	item70	1	Nos			0.00	0.00	INR Zero Only
71	CPU Lithium Cell Part No. 4A0006.00-000	item71	1	Nos			0.00	0.00	INR Zero Only
72	Make- B&R	item72	9	Nos			0.00	0.00	INR Zero Only
73	PLC, Part No. X20DI9371, Make- B&R	item73	6	Nos			0.00	0.00	INR Zero Only
74	PLC, Part No. X20DO9322, Make- B&R	item74	11	Nos			0.00	0.00	INR Zero Only
75	PLC, Part No. X20AT4222, Make- B&R	item75	1	Nos			0.00	0.00	INR Zero Only
76	PLC, Part No. X20BT9100, Make- B&R	item76	1	Nos			0.00	0.00	INR Zero Only
77	PLC, Part No. X20AI4632, Make- B&R	item77	1	Nos			0.00	0.00	INR Zero Only
78	PLC, Part No. X20BC0083, Make- B&R	item78	3	Nos			0.00	0.00	INR Zero Only
79	PLC, Part No. X20PS9400, Make- B&R	item79	7	Nos			0.00	0.00	INR Zero Only
80	PLC, Part No. X20AI4622, Make- B&R	item80	2	Nos			0.00	0.00	INR Zero Only
81	PLC, Part No. X20BC0083, Make- B&R	item81	1	Nos			0.00	0.00	INR Zero Only
82	PLC, Part No. X20HB2880, Make- B&R	item82	1	Nos			0.00	0.00	INR Zero Only
83	PLC, Part No. X20BB80, Make- B&R	item83	1	Nos			0.00	0.00	INR Zero Only
84	PLC, Part No. X20BM111 Make- B&R Part No. MS3102R165-5-P Make- Allied/ Amphenol	item84	5	Nos			0.00	0.00	INR Zero Only
85	Part No:- MS3106F165-5-P Make- Allied/ Amphenol 3 pin, 13 Amp, male circular connector	item85	5	Nos			0.00	0.00	INR Zero Only
86	Part No: MS3102R165-5-5 Make- Allied/ Amphenol 3 pin, 13 Amp, male circular connector	item86	5	Nos			0.00	0.00	INR Zero Only
87	Part No: MS3106F165-5-5 Make- Allied/ Amphenol 3 pin, 13 Amp, female circular connector	item87	5	Nos			0.00	0.00	INR Zero Only

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88	Part No:MS3102R16-10-P Make- Allied/ Amphenol 3 pin, 23 Amp, male circular connector	Item88	5	Nos		0.00	0.00	INR Zero Only
89	Part No:MS3106F16-10-P Make- Allied/ Amphenol 3 pin, 23 Amp, male circular connector	Item89	5	Nos		0.00	0.00	INR Zero Only
90	Part No:MS3102R16-10-S Make- Allied/ Amphenol 3 pin, 23 Amp, female circular connector	Item90	5	Nos		0.00	0.00	INR Zero Only
91	Part No:MS3106F16-10-S Make- Allied/ Amphenol 3 pin, 23 Amp, female circular connector	Item91	5	Nos		0.00	0.00	INR Zero Only
92	Part No:MS3102R16S-8-P Make- Allied/ Amphenol 5 pin, 13 Amp, male circular connector	Item92	10	Nos		0.00	0.00	INR Zero Only
93	Part No. MS3106F16S-8-P Make- Allied/ Amphenol 5 pin, 13 Amp, male circular connector	Item93	10	Nos		0.00	0.00	INR Zero Only
94	Part No MS3102R16S-8-S Make- Allied/ Amphenol 5 pin, 13 Amp, female circular connector	Item94	10	Nos		0.00	0.00	INR Zero Only
95	Part No MS3106F16S-8-S Make- Allied/ Amphenol 5 pin, 13 Amp, female circular connector	Item95	10	Nos		0.00	0.00	INR Zero Only
96	Part No MS3102R18-11-P Make- Allied/ Amphenol 5 pin, 23 Amp, male circular connector	Item96	5	Nos		0.00	0.00	INR Zero Only
97	Part No MS3106F18-11-P Make- Allied/ Amphenol 5 pin, 23 Amp, male circular connector	Item97	5	Nos		0.00	0.00	INR Zero Only
98	Part No MS3102R18-11-S Make- Allied/ Amphenol 5 pin, 23 Amp, female circular connector	Item98	5	Nos		0.00	0.00	INR Zero Only
99	Part No MS3106F18-11-S Make- Allied/ Amphenol 5 pin, 23 Amp, female circular connector	Item99	5	Nos		0.00	0.00	INR Zero Only
100	Part No MS3102R18-12-P Make- Allied/ Amphenol 6 pin, 13 Amp, male circular connector	Item100	10	Nos		0.00	0.00	INR Zero Only
101	Part No MS3106F18-12-P Make- Allied/ Amphenol 6 pin, 13 Amp, male circular connector	Item101	10	Nos		0.00	0.00	INR Zero Only
102	Part No MS3102R18-12-S Make- Allied/ Amphenol 6 pin, 13 Amp, female circular connector	Item102	10	Nos		0.00	0.00	INR Zero Only
103	Part No MS3106F18-12-S Make- Allied/ Amphenol 6 pin, 13 Amp, female circular connector	Item103	10	Nos		0.00	0.00	INR Zero Only

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104	Part No. MS3102R20-17-P Make- Allied/ Amphenol 6 pin, 23 Amp, male circular connector	Item104	5	Nos			0.00	0.00	INR Zero Only
105	Part No. MS3106F20-17-P Make- Allied/ Amphenol 6 pin, 23 Amp, male circular connector	Item105	5	Nos			0.00	0.00	INR Zero Only
106	Part No. MS3102R20-17-S Make- Allied/ Amphenol 6 pin, 23 Amp, female circular connector	Item106	5	Nos			0.00	0.00	INR Zero Only
107	Part No. MS3106F20-17-S Make- Allied/ Amphenol 6 pin, 23 Amp, female circular connector	Item107	5	Nos			0.00	0.00	INR Zero Only
108	Part No. MS3102R16-1-P Make- Allied/ Amphenol 7 pin, 13 Amp, male circular connector	Item108	5	Nos			0.00	0.00	INR Zero Only
109	Part No. MS3106F16-1-P Make- Allied/ Amphenol 7 pin, 13 Amp, male circular connector	Item109	5	Nos			0.00	0.00	INR Zero Only
110	Part No. MS3102R16-1-S Make- Allied/ Amphenol 7 pin, 13 Amp, female circular connector	Item110	5	Nos			0.00	0.00	INR Zero Only
111	Part No. MS3106F16-1-S Make- Allied/ Amphenol 7 pin, 13 Amp, female circular connector	Item111	5	Nos			0.00	0.00	INR Zero Only
112	Part No. MS3102R18-8-P Make- Allied/ Amphenol 8 pin, 13 Amp, male circular connector	Item112	5	Nos			0.00	0.00	INR Zero Only
113	Part No. MS3106F18-8-P Make- Allied/ Amphenol 8 pin, 13 Amp, male circular connector	Item113	5	Nos			0.00	0.00	INR Zero Only
114	Part No. MS3102R18-8-S Make- Allied/ Amphenol 8 pin, 13 Amp, female circular connector	Item114	5	Nos			0.00	0.00	INR Zero Only
115	Part No. MS3106F18-8-S Make- Allied/ Amphenol 8 pin, 13 Amp, female circular connector	Item115	5	Nos			0.00	0.00	INR Zero Only
116	Part No. MS3102R18-1-P Make- Allied/ Amphenol 10 pin, 13 Amp, male circular connector	Item116	10	Nos			0.00	0.00	INR Zero Only
117	Part No. MS3106F18-1-P Make- Allied/ Amphenol 10 pin, 13 Amp, male circular connector	Item117	10	Nos			0.00	0.00	INR Zero Only
118	Part No. MS3102R18-1-S Make- Allied/ Amphenol 10 pin, 13 Amp, female circular connector	Item118	10	Nos			0.00	0.00	INR Zero Only
119	Part No. MS3106F18-1-S Make- Allied/ Amphenol 10 pin, 13 Amp, female circular connector	Item119	10	Nos			0.00	0.00	INR Zero Only


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120	Part No.MS3102R28-8-P Make- Allied/ Amphenol 12 pin, 13 Amp, male circular connector	item120	10	Nos			0.00	0.00	0.00	INR Zero Only
121	Part No.MS3106F28-8-P Make- Allied/ Amphenol 12 pin, 13 Amp, male circular connector	item121	10	Nos			0.00	0.00	0.00	INR Zero Only
122	Part No.MS3102R28-8-S Make- Allied/ Amphenol 12 pin, 13 Amp, female circular connector	item122	10	Nos			0.00	0.00	0.00	INR Zero Only
123	Part No.MS3106F28-8-S Make- Allied/ Amphenol 12 pin, 13 Amp, female circular connector	item123	10	Nos			0.00	0.00	0.00	INR Zero Only
124	Part No.MS3102R24-5-P Make- Allied/ Amphenol 16 pin,13 Amp, male circular connector	item124	10	Nos			0.00	0.00	0.00	INR Zero Only
125	Part No.MS3106F24-5-P Make- Allied/ Amphenol 16 pin,13 Amp, male circular connector	item125	10	Nos			0.00	0.00	0.00	INR Zero Only
126	Part No.MS3102R24-5-S Make- Allied/ Amphenol 16 pin, 13 Amp, female circular connector	item126	10	Nos			0.00	0.00	0.00	INR Zero Only
127	Part No.MS3106F24-5-S Make- Allied/ Amphenol 16 pin, 13 Amp, female circular connector	item127	10	Nos			0.00	0.00	0.00	INR Zero Only
128	Part No.MS3102R28-16-P Make- Allied/ Amphenol 20 pin, 13 Amp, male circular connector	item128	5	Nos			0.00	0.00	0.00	INR Zero Only
129	Part No.MS3106F28-16-P Make- Allied/ Amphenol 20 pin, 13 Amp, male circular connector	item129	5	Nos			0.00	0.00	0.00	INR Zero Only
130	Part No.MS3102R28-16-S Make- Allied/ Amphenol 20 pin, 13 Amp, female circular connector	item130	5	Nos			0.00	0.00	0.00	INR Zero Only
131	Part No.MS3106F28-16-S Make- Allied/ Amphenol 20 pin, 13 Amp, female circular connector	item131	5	Nos			0.00	0.00	0.00	INR Zero Only
132	Part No.MS3102R24-28-P Make- Allied/ Amphenol 24 pin, 13 Amp, male circular connector	item132	5	Nos			0.00	0.00	0.00	INR Zero Only
133	Part No.MS3106F24-28-P Make- Allied/ Amphenol 24 pin, 13 Amp, male circular connector	item133	5	Nos			0.00	0.00	0.00	INR Zero Only
134	Part No.MS3102R24-28-S Make- Allied/ Amphenol 24 pin, 13 Amp, female circular connector	item134	5	Nos			0.00	0.00	0.00	INR Zero Only


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135	Part No.MS3106F24-28-S Make- Allied/ Amphenol 24 pin, 13 Amp, female circular connector	item135	5	Nos			0.00	0.00	0.00	INR Zero Only
Total in Figures							0.00	0.00	0.00	INR Zero Only
Quoted Rate in Words							INR Zero Only			


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