

**Aryabhata 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(3)/20-21/2438

Date: 15 September, 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	15 -09-2020
Document Download Start Date & Time	15-09-2020 (14:00 hrs.)
Clarification Start Date & Time	15-09-2020 (15:00 hrs.)
Bid Submission Start Date & Time	15-09-2020 (16:00 hrs.)
Document Download End Date & Time	13-10-2020 (10:00 hrs.)
Clarification End Date & Time	13-10-2020 (10:00 hrs.)
Bid Submission End Date & Time	13-10-2020 (10:00 hrs.)
Bid Opening Date & Time for opening of technical bids	15-10-2020 (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. 70200.00 (Seventy thousand two hundred 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

Aryabhata 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.70200.00 (Seventy thousand two hundred 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 vendor/ vendors 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. <i>Refer clause 'X'</i> ,		
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

Sr. NO.	Description	Brand	Part No.	Req. Qty (Nos)	Compliance (Yes/No)
Category- Switches, relays, sensors & Proximity sensors					
1	Inductive detector M18 PNP NO 8mm	Balluff	BES M18MI-PSC80B-S04K	4	
2	Inductive detector M18 PNP NC 8mm	Balluff	BES M18MI-POC80B-S04K	2	
3	Inductive detector M12x1,PNP NF, range: 2mm, LED, M12 connector	Balluff	BES M12MI-POC20B-S04G	8	
4	Inductive detector M18X1, NAMUR, range: 8mm, M12 connector	Balluff	BES 18MEI-GNX80B-S04G-EEX	3	
5	Electromechanical 4 Position Switch - series 61 with rotary cam tray, 450 mm and 2 rotary cam trip, swept angle: 4	Balluff	BNS 819-B04-D12-61-12-10	2	
6	Rotary cam trip - R:450 mm - swept angle: 6°	Balluff	BNN-S-TR-006-450-12	4	
7	Mounting rod diam 12 mm	Balluff	BMS RS-M -D12-1000-00	4	
8	Microswitch, miniatur position sensor, serie 831600	Crouzet	U831600	6	
9	Relay 24VDC	Finder	3881 7006 9024	4	
10	Red emergency stop; 1/4 turn releasable	Moeller/ Eaton	M22-PVT	6	
11	Red emergency stop; INO/INC + yellow box	Moeller/ Eaton	M22-PV/ KC11/IY	4	
12	Red emergency stop, INC, key releasable	Moeller/ Eaton	M22-PVS/K01	4	
13	push-button ,black color, dia: 22 mm	Moeller/ Eaton	M22S-D-S	4	
14	Main switch,without auxiliary contacts, number of poles:6, rated uninterrupted current : 32A	Moeller/ Eaton	T3-3-8342/ EA/SVB	2	
15	Main switch,without auxiliary contacts, number of poles:2, rated uninterrupted current : 32A	Moeller/ Eaton	T3-1-102/ EA/SVB	4	
16	Main switch,without auxiliary contacts, number of poles:3 +N, rated uninterrupted current : 25A	Moeller/ Eaton	P1-25/ EA/SVB/N	4	
17	Main switch,without auxiliary contacts,number of poles:6 ,rated uninterrupted current :63A	Moeller/ Eaton	T5B-3-8342/ EA/SVB	2	
18	Fixing adapter (front fixing) for M22 element	Moeller/ Eaton	M22-A	6	
19	Contact NC, Front	Moeller/ Eaton	M22-K01	6	
20	Surface mounting enclosure	Moeller/ Eaton	M22-I2	4	
21	Emergency-Stop label with inscription	Moeller/ Eaton	EMERGENCY STOP-M22-XBK	6	
22	Contact NO, Front	Moeller/ Eaton	M22-K10	10	
23	Safety relay PNOZ XV2: safety contacts (s)instantaneous: 2, safety contacts (NO)delayed: 2, supply voltage:24 VDC	Pilz	774 500	1	

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24	C10 relay 1 reverser contacts 220/5A; coil 24 VDC	Releco/Turck	C10-A10FX/ DC24V	10	
25	C9 relay 4 reverser contacts 220/5A; coil 24 VDC	Releco/Turck	C9A41FX/ DC24	20	
26	C7 relay 2 reverser contacts 220/5A; coil 24 VDC	Releco/Turck	C7-A 20FX/ DC24	20	
27	Solid state relay with semiconductor PNP, one contact NO, max output current : 2A, max output voltage: 50VDC, switching frequency: 100 Hz	Releco/Turck	CSS-DCP	10	
28	Socket for CSS-DCP	Releco/Turck	S10	10	
29	Socket for C9 relay	Releco/Turck	S9-M	20	
30	Socket for C7 relay	Releco/Turck	S7-M	20	
31	Door end stop Multitac 20(4)A 400VAC	Saia	T85	4	
32	Inductive sensor Q08, Op distance 7 mm, PNP, NC+NO, length cable 2m, IP68	Turck	BI7- Q08 -VP6X2	8	

Category –PT100 Sensors

33	Pt 100 Thermal-Tab, Polyimide with elastomer cover coat, AWG26, PTFE insulated, 3-wires, length:40 inch (1m), Pressure-sensitive adhesive	Minco	S665PDZ40BC	10	
34	Pt 100 Thermal-Ribbon, Polyimide, AWG28, PTFE insulated, 3-wires, length:24 inch (61cm)	Minco	S651PDZ24A	10	
35	Pt 100 Room Air Temperature Sensor, Compact Wall-mount, 3-wires, cable length: 4 inch (10cm)	Minco	S448PDZ4	5	
36	Temperature sensor PT100	Prosensor	MAO 850	5	
37	Temperature sensor PT100	Prosensor	MAO 81501 +DG1213-130	5	

Category - gear box and encoder

38	Gearbox, ratio: 144, output torque: 12 N.m, number of stages: 3 -Type S (low backlash: 6 arcmin)- with mounting plate for interface with Faulhaber motor type 2642- with parallel key (3 x 3 x 14mm, as indicated in catalogue)	GYSIN	GPL42-3st, i=144	2	
39	Gearbox, ratio: 16 ; rated output torque: 4 N.m, number of stages: 2 - Type S (low backlash: 6 arcmin)- with mounting plate for interface with Faulhaber motor type 2342 - without parallel key(smoothshaft)	GYSIN	GPL32-2st, i=16	2	
40	Encoder to be mounted on Minimotor type 2342024CR; 7500 pulses	Scancon	SCH24-7500-D-03-14-64-01-S-00-S1	2	
41	Encoder to be mounted on Minimotor type 2342024CR; 500 pulses	Scancon	SCH24-500-D-03-14-64-01-S-00-S1	2	

Category - SMPS and Accessories

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42	DC/DC converter, primary-switched, slim design, input: 12 - 24 V DC, output: 5 - 15 V DC/2 A	Phoenix Contact	MINI-PS- 12- 24DC/ 5-15DC/2	1	
43	Voltage power supply supervision-Relay; 3x400VAC + N	Phoenix Contact	EMD-SL-3V-400-N	2	
44	Voltage power supply supervision-24VDC power supply module	Phoenix Contact	EMD-SL-PS-24DC	2	
45	Mini cage clamp terminal; Vertical connection	Phoenix contact	FFKDS/V-2.54	10	
46	Lateral flange for Mini cage clamp terminal	Phoenix contact	FFKDSA1/V-5.08	5	
47	Power supply 12VDC - 1.3A	Puls	ML15.121	2	
48	5 VDC Power Supply 5A 25W	Puls	ML30.101	4	
49	24 VDC Power Supply 3A 72W	Puls	ML70.100	2	
50	12 VDC Power Supply 15A 180W	Puls	QS10.121	2	
51	Power Supply 24VDC - 10A (W60 x H124 x D117 mm ³) - Power losses @ full load: 18.1 W	Puls	QS10.241	2	
52	Power Supply 24VDC - 5A (W40 x H124 x D117 mm ³) - Power losses @ full load: 9.4 W	Puls	QS5.241	2	
53	24 VDC Power Supply 5A 120W	Puls	SL5.100	2	
54	Power supply	Chinfa	HDD60 - 24S05	2	
55	Power supply	Chinfa	HDD60 24S12	2	
56	Power supply	Chinfa	HDD60 48S05	2	
57	Power supply	Chinfa	HDD60 48S12	2	
58	Power supply	Chinfa	HDD60 12S05	2	
59	Power supply	Chinfa	HDD60 12S24	2	
60	Power supply	Chinfa	HDD60 05S12	2	
Category - Drives and motor chokes					
61	Brushless amplifier, 143 A (with power choke)	Lti Drives	S084.143	1	
62	3-phase main choke	Lti Drives	LR34.140-UR	1	
63	Regeneration resistors	Lti Drives	BR-26.10. 650-UR	1	
64	Three-phase main filter	Lti Drives	EMC 150.1- UR	1	

Note: 1) Obsolete part/ model No. may be quoted with its equivalent new part/ model No., compatible with old one of same make.

2) Items No. 33 to 37 may be quoted with equivalent other make and part no if listed part no make is not available.




(Signature of Authorized Person)

Name:

Designation:

Name of Firm/Company/Agency:

Contact Details


Registrar
ARIES, Manora Peak
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.

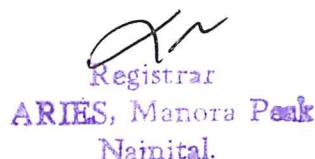
4. I / We hereby unconditionally accept the tender conditions of above mentioned tender document(s) / corrigendum(s) in its totality / entirety.

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, Morcha 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>

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)										
Sl. No.	Item Description	Item Code / Make	Quantity	Units	TEXT #	BASIC RATE In Figures To be entered by the Bidder in RS. P	GST in RS. P	TOTAL AMOUNT Without Taxes in RS. P	TOTAL AMOUNT With Taxes in RS. P	TEXT #
1	2	3	4	5	7	9	15	16	17	
1	Inductive detector M18 PNP NO 8mm Brand:- Balluff Part No:-BES M18MI-PSC80B-S04K	Item1	4	Nos				0.00	0.00	INR Zero Only
2	Inductive detector M18 PNP NC 8mm Brand:- Balluff Part No:-BES M18MI-POC80B-S04K	Item2	2	Nos				0.00	0.00	INR Zero Only
3	Inductive detector M12x1, PNP NF, range: 2mm, LED, M12 connector Brand:- Balluff Part No:-BES M12MI-POC20B-S04G	Item3	8	Nos				0.00	0.00	INR Zero Only
4	Inductive detector M18X1, NAMUR, range: 8mm, M12 connector Brand:- Balluff Part No:-BES 18ME1-GNX80B-S04G-EEX	Item4	3	Nos				0.00	0.00	INR Zero Only
5	Electromechanical 4 Position Switch - series 61 with rotary cam tray, 450 mm and 2 rotary cam trip, swept angle: 4 Brand:- Balluff Part No:-BNS 819-B04-D12-61-12-10	Item5	2	Nos				0.00	0.00	INR Zero Only
6	Rotary cam trip - R450 mm - swept angle: 6° Brand:- Balluff Part No:-BNN-S-TR-006-450-12	Item6	4	Nos				0.00	0.00	INR Zero Only
7	Mounting rod diam 12 mm Brand:- Balluff Part No:-BMS RS-M -D12-1000-00	Item7	4	Nos				0.00	0.00	INR Zero Only
8	Microswitch, miniature position sensor, serie 831600 Brand:- Crouzet Part No:-U831600	Item8	6	Nos				0.00	0.00	INR Zero Only
9	Relay 24VDC Brand:- Finder Part No:-3881 7006 9024	Item9	4	Nos				0.00	0.00	INR Zero Only

10	Red emergency stop, 1/4 turn releasable Brand:- Moeller/ Eaton Part No:-M22-PVT	Item10	6	Nos			0.00	0.00	INR Zero Only
11	Red emergency stop, 1NO/1NC + yellow box Brand:- Moeller/ Eaton Part No:-M22-PV/ KC11/IV	Item11	4	Nos			0.00	0.00	INR Zero Only
12	Red emergency stop, 1NC, key releasable Brand:- Moeller/ Eaton Part No:-M22-PVS/K01	Item12	4	Nos			0.00	0.00	INR Zero Only
13	push-button, black color, dia: 22 mm Brand:- Moeller/ Eaton Part No:-M22S-D-S	Item13	4	Nos			0.00	0.00	INR Zero Only
14	Main switch, without auxiliary contacts, number of poles:6, rated uninterrupted current : 32A Brand:- Moeller/ Eaton Part No:-T3-3-8342/ EA/SVB	Item14	2	Nos			0.00	0.00	INR Zero Only
15	Main switch, without auxiliary contacts, number of poles:2, rated uninterrupted current : 32A Brand:- Moeller/ Eaton Part No:-T3-1-102/ EA/SVB	Item15	4	Nos			0.00	0.00	INR Zero Only
16	Main switch, without auxiliary contacts, number of poles:3 +N, rated uninterrupted current : 25A Brand:- Moeller/ Eaton Part No:-P1-25/ EA/SVB/N	Item16	4	Nos			0.00	0.00	INR Zero Only
17	Main switch, without auxiliary contacts, number of poles:6, rated uninterrupted current : 63A Brand:- Moeller/ Eaton Part No:-TSB-3-8342/ EA/SVB	Item17	2	Nos			0.00	0.00	INR Zero Only
18	Fixing adapter (front fixing) for M22 element Brand:- Moeller/ Eaton Part No:-M22-A	Item18	6	Nos			0.00	0.00	INR Zero Only
19	Contact NC, Front Brand:- Moeller/ Eaton Part No:-M22-K01	Item19	6	Nos			0.00	0.00	INR Zero Only
20	Surface mounting enclosure Brand:- Moeller/ Eaton Part No:-M22-12	Item20	4	Nos			0.00	0.00	INR Zero Only
21	Emergency stop label with inscription Brand:- Moeller/ Eaton Part No:-EMERGENCY STOP-M22-XBK	Item21	6	Nos			0.00	0.00	INR Zero Only
22	Contact NO, Front Brand:- Moeller/ Eaton Part No:-M22-K10	Item22	10	Nos			0.00	0.00	INR Zero Only
23	Safety relay PNOZ XV2: safety contacts (3) instantaneous: 2, safety contacts (NO) delayed: 2, supply voltage: 24 VDC Brand:- Pilz Part No:-774 500	Item23	1	Nos			0.00	0.00	INR Zero Only
24	C10 relay 1 reverser contacts 220/5A; coil 24 VDC Brand:- Releco/Turck Part No:-C10-A10FX/ DC24V	Item24	10	Nos			0.00	0.00	INR Zero Only
25	C9 relay 4 reverser contacts 220/5A; coil 24 VDC Brand:- Releco/Turck Part No:-C9A41FX/ DC24	Item25	20	Nos			0.00	0.00	INR Zero Only

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A.DHS. Manojra Park

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26	C7 relay 2 reverser contacts 220/5A; coil 24 VDC Brand:-Releco/Turck Part No:-C7-A 20FX/ DC24	Item26	20	Nos			0.00	0.00	INR Zero Only
27	Solid state relay with semiconductor PNP, one contact NO, max output current : 2A, max output voltage: 50VDC, switching frequency: 100 Hz Brand:- Releco/Turck Part No:-CSS-DCP	Item27	10	Nos			0.00	0.00	INR Zero Only
28	Socket for CSS-DCP Brand:- Releco/Turck Part No:-S10	Item28	10	Nos			0.00	0.00	INR Zero Only
29	Socket for C9 relay Brand:- Releco/Turck Part No:-S9-M	Item29	20	Nos			0.00	0.00	INR Zero Only
30	Socket for C7 relay Brand:- Releco/Turck Part No:-S7-M	Item30	20	Nos			0.00	0.00	INR Zero Only
31	Door end stop Multitac 20(4)A 400VAC Brand:- Sela Part No:-T85	Item31	4	Nos			0.00	0.00	INR Zero Only
32	(Sensors) Inductive sensor Q08, Op distance 7 mm, PNP, NC+NO, length cable 2m, IP68 Brand:- Turck Part No:-B17-Q08-VP6X2	Item32	8	Nos			0.00	0.00	INR Zero Only
33	(Sensors) Pt 100 Thermal-Tab, Polyimide with elastomer cover coat, AWG26, PTFE insulated, 3-wires, length:40 inch (1m), Pressure-sensitive adhesive Brand:- Minco Part No:-S665PD240BC	Item33	10	Nos			0.00	0.00	INR Zero Only
34	(Sensors) Pt 100 Thermal-Ribbon, Polyimide, AWG28, PTFE insulated, 3-wires, length:24 inch (61cm) Brand:- Minco Part No:-S651PD224A	Item34	10	Nos			0.00	0.00	INR Zero Only
35	(Sensors) Pt 100 Room Air Temperature Sensor, Compact Wall-mount, 3-wires, cable length: 4 inch (10cm) Brand:- Minco Part No:-S448PD24	Item35	5	Nos			0.00	0.00	INR Zero Only
36	(Sensors) Temperature sensor PT100 Brand:- Prosensor Part No:-MAO 850	Item36	5	Nos			0.00	0.00	INR Zero Only
37	(Sensors) Temperature sensor PT100 Brand:- Prosensor Part No:-MAO 81501 +DG1213-130	Item37	5	Nos			0.00	0.00	INR Zero Only
38	Gearbox, ratio: 144, output torque: 12 N.m, number of stages: 3 -Type S (low backlash: 6 arcmin)- with mounting plate for interface with Faulhaber motor type 2642- with parallel key (3 x 3 x 14mm, as indicated in catalogue) Brand:- GYSIN Part No:-GPI42-3st. i=144	Item38	2	Nos			0.00	0.00	INR Zero Only

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