

Tender Fee: Rs.5000/-



The Centre for Entrepreneurship Development
(A Government of Gujarat Organisation)

THE CENTRE FOR ENTREPRENEURSHIP DEVELOPMENT,
BLOCK NO. 1, 9th FLOOR, UDYOG BHAVAN,
GANDHINAGAR
PHONE NO: (079)23256671, (079) 23243847

Price Tender Form
For Supply, Installation, and Commissioning
of the Machinery & Equipments
For
Common Facility Centre of
Pump & Foundry Cluster, Rajkot

Tender No: CFC/P&F/2016/2

Sr. No.	Item	Qty	EMD (In Rs.)
1	Vee Nothc (0-60 LPS)	1	4500
2	RTD, Thermocouple (Maximum temp. : 0-500 C.)	3	540
3	On line power analyzer with testing Panel for Single phase & three phases pump with computer system. (Amp. Capacity: Suitable up to 5 HP single phase & 25 HP three pump sets)	2	6600
4	Power panel with testing Panel for Single phase & three phases pump with computer system. (Amp. Capacity: Suitable up to 7.5 HP single phase & 100 HP three pump sets)	2	900
5	Eddy Current Drive (dynamometer) with all accessories	1	38250
6	Variable Frequency Drive (Each one of 10 kw & 100 kw with Freq. Range: 0 to 400 Hz.)	2	6900
7	Precision LCR Meter	2	1560
8	Electrometer	1	13860
9	Rapid Carbon Sulphur Analyzer: (With Combustion furnace: combustion tube furnace to accommodate combustion tube of size 22mm Od and 600mm length)	1	4200
10	Atomic Absorption Spectrometer (Wavelength range: 190-900n)	1	31200
11	Industrial X-ray Equipment (Range: 200/5kv/Ma)	1	12750
12	Shadowgraph checking machine	1	20000
13	Radiography Camera	1	25600
14	Universal Length Machine	1	16500
15	Electronic Dial Calibration Tester	1	7650

Sr. No.	Item	Qty	EMD (In Rs.)
16	Tape & Scale calibration (Range: 0-100mm)	1	11550
17	Dead weight Tester (Range:0 to 1000 bar)	1	5400
18	Vacuum Gauge (One unit with range: 0 to 400 mmHg and second unit with range :0 to 700mmHg)	2	60
19	Mercury Manometers (Up to 700mm)	1	150
20	Process Calibrator	1	1330
21	Pressure Calibrator (Range: 0.5 to 50 Kg/cm2)	1	2300
22	Universal Test Bench calibrator	1	22700
23	Electrical Safety Calibrator:	1	1500
24	Digital Multi meter:	1	870
25	Over Head Crane	1	32250

TENDER BRIEF

Supply, Installation, and commissioning of Machineries/ Equipment's on quantity basis as mentioned in the tender section from reputed manufacturers / or their authorized dealers /direct importers are invited online through e-procurement system.

INSTRUCTION TO BIDDERS FOR ONLINE TENDER PARTICIPATION

1. All tender documents can be downloaded free from the website <https://ced.nprocure.com>
2. All bids should be submitted online from the website <https://ced.nprocure.com>

CONTACT DETAILS

DIRECTOR,
THE CENTRE FOR ENTREPRENEURSHIP DEVELOPMENT (CED)
BLOCK NO.1, 9TH FLOOR, UDYOG BHAVAN, SECTOR- 11,
GANDHINAGAR-382017.,
PHONE NO. (079)23256671, (079) 23243847
FAX (079) 232 56679

KEY DATES

Duration of Downloading Tender Document (On Line) : 22/09/16 to 13/10/16 Up to 18:00 Hrs
Pre – Bid Meeting with Bidders : 03/10/16 at 12:00 Hrs
Submission of Physical documents, Tender Fee, EMD etc.: 13/10/16 (Up to 16:00 Hrs)
Closing of Submission of Tenders (Online) : 13/10/16 at 18:00 Hrs
Date and Time of Technical bid Opening (On Line) : 14 /10/16 at 12:00 Hrs

Envelopes containing the “Technical Bid with Supporting Documents”, inclusive of the “Tender Fee”, “EMD” to be submitted physically on or before **13/10/2016 (Up to 16:00 Hrs)** at the above mentioned address

General Terms and Conditions

1. The Bidder should in variably submit their tender in three sealed covers separately namely [1] Tender Fee, [2] E.M.D. [3] Technical bid with Supporting Documents.
2. **Document Fee and EMD COVER**
 - a. Payment should be made by DD Only, payable at Gandhinagar at any schedule bank.
 - b. Payment should be made in favor of "The Centre for Entrepreneurship Development" Gandhinagar.
 - c. Payment made toward Tender fee will not be refunded
 - d. Non-payment of the Tender fee will make the Bidder liable for disqualifications.
 - e. EMD will be refunded after rejection of Tenders/ on receipt of S.D. of accepted offers. (whichever is applicable)
 - f. Non- payment of the EMD will make the Bidder liable for disqualifications.
 - g. Wrong/ Fraudulent data submission may lead to disqualification/debar. Please ensure that you furnish correct data.
3. Those Bidders who are exempted for payment of EMD must enclosed necessary acknowledgement like micro/small enterprises as per provisions of MSME act 2006 along with NSIC/DGS&D/CSPO Registration.
4. Those firms having Acknowledgement under Micro and Small enterprises engaged in manufacturing of item/s under the tender enquiry and belongs to **Gujarat State** and holding subsequent registration with CSPO/NSIC for the item under tender will be eligible for exemption from payment of EMD on submission of attested copies of their SSI & CSPO/NSIC/DGS&D registration certificates in EMD cover. Those firms having valid CSPO registration for relevant group/item as a manufacturers 'Agent/Dealer or stockiest are also exempted from paying EMD as per provision of Manual. Participants not covered under this category shall have to pay EMD compulsorily as prescribed, failing which the tender will be treated as rejected at the time of opening of Bid in such cases; Technical Bid as well as Commercial Bid will be ignored. Any basic document with regards to EMD will not be acceptable after closing time of tender.
5. **Technical Bid Submission (Offline)**
 - (a) The envelope should be marked as "Technical Bid with Supporting Documents". It should be noted that no physical submission of financial bid should be done.
 - (b) If the Bidder fails to submit the supporting documents (mentioned at Annexure-A to G) offline within time limit, their tender shall be ignored.
 - (c) The bids should be submitted on or before the time stipulated in Tender notice at the website <https://ced.nprocure.com>
 - (d) The technical supporting documents in physical form may be submitted at the following address:
The Centre for Entrepreneurship Development (CED)
Block No.1, 9th Floor, UdyogBhavan, Sector- 11, Gandhinagar-382017.,
Phone No: (079) 23256671, (079) 23243847
6. **Commercial Bid Submission**
 - (a) The commercial bid submission should be done online through the website only <https://ced.nprocure.com>
 - (b) The bids should be submitted on or before the time stipulated in tender notice at the website <https://ced.nprocure.com>
7. No tender will be accepted after prescribed closing time for submission of the same. The delay will not be condoned for any reason whatsoever including postal/transit delay. However, if the last date of submission of tenders is declared as a holiday by the Government, the last date of submission of tenders will be extended to the next working day.
8. The Bidder should read this document very carefully and comply with the instructions / terms / conditions therein. Any `tender, which does not confirm with the instruction / terms / conditions therein are liable to be rejected without any reference.

TECHNICAL BID (PART – I) & COMMERCIAL BID (PART – II)

9. (a) No modification should be done by the Bidder in the name of item, and in the specifications / grade / quality / packing of the item given in the enquiry document. In Part-I (Technical Bid), all information asked / required including **specification available in offered models should be mentioned clearly in the format provided in Physical form.** Additional specifications / features if any available in the offered models shall be provided in additional sheet. In Part-II (Commercial Bid), the rates, with break up is shown in the format provided online.
- (b) As per Govt.'s prevailing purchase policy, an order / price preference shall be available to Gujarat based Micro / SSI Industries registered for quoted items subject to providing required documents like respective registration certificate issued by concerned authority. In such a case **the decision of Purchase Committee shall be final** and implemented forthwith.
10. The rates should be quoted in Part-II (Commercial Bid) and rates should be Free delivery at site with **installation (with foundation) and commissioning of machines** per unit basis mentioned in the enquiry document and should be comprehensive incorporating the cost of the instrument / equipment and accessories required as part of the equipment and shown as such in the Tender Enquiry document. In case any item is required as an essential accessory for operating the equipment, it must be mentioned clearly in Technical Bid (Part-I) and its rates must be included in the rates for the equipment in Part-II to be filled online. If not mention of such essential accessories is made in Part-I or if its rates are not shown in Part-II, it will be presumed that the cost of essential accessories is included in Commercial Bid (Part-II)online and no separate payment for the same will be made thereafter under any circumstances. If any accessories are demanded as mandatory in the tender enquiry, under no circumstances it should be shown as an optional accessory and quoted separately. The price of the product offered must include the accessories required for operation of the instrument and no separate payment will be made even if such an accessory is not included in the quotation. Only those accessories which are specifically recommended by the manufacturer of the instrument / equipment should be offered as part of the equipment and under no circumstances a cheaper variety of an accessory not approved / recommended by the manufacturer should be offered.
11. The rates shown in Commercial Bid shall be presumed, in all cases, as the net price inclusive of all taxes, duties, CESS. No payment against any duty / delivery charges etc. will be considered under any separate heading under any circumstances.
12. **IN NO CASE, RATES SHOULD BE QUOTED IN ANYWHERE EXCEPT ONLINE IN ANNEXTURE-"G" I.E. COMMERCIAL BID.**
13. (a) the detailed required specifications of the equipment to be purchased are shown in Technical Bid. The Bidder should either confirm whether the items offered are conforming to these specifications clearly OR specifications available in offer product should shown against each specification along with name of manufacturers, Brand / Model only in the format provided in technical bid. Please note that Bidder should not write 'As per Literature enclosed'. In such a case, offer shall not be considered. Offers with minor deviation in non-critical specification shall be considered subject to overall acceptability of products in terms of its utility.
- (b) The Bidder should have to arranged demonstration of equipment offered as and when desired at their expense failing which tender shall liable to be ignored. In case where samples are required to be submitted, it should be kept ready and submitted as and when demanded in duly sealed pack super scribed with details of tender enquiry No, due Date, Name and address of Bidder, make/Model etc. failing which offer shall liable to be rejected.
- (c) Conditional offer/ quotation with errors will be rejected. Offers having variation in the terms and conditions of the tender, including major deviation from standards / specifications / terms of supply shall be liable to be rejected.
14. The quoted rates will be valid for **twelve months** from the date of opening of technical bid. Rates once quoted will be final and will not be allowed to be increased during the validity period under any circumstances and for any reason whatsoever.

15. The legible and certified copies of the following **Technical supporting documents MUST be submitted physically.**
- a. MSME Part – II / Industrial license / Factory Inspectors license / Product permission. {if applicable}/ Registration with C.S.P.O./ Shop & Establishment Act/ Commercial Tax / K.V.I.C./ N.S.I.C./ D.G.S.&D. {whichever are applicable}
 - b. Copy of the Partnership deed/ Memorandum of article (whichever is applicable) along with registration documents.
 - c. S.T. Clearance Certificate& Returns
 - d. Tender fees and Earnest Money Deposit (E.M.D.) (Annexure – C)
 - e. Declaration of ownership (Annexure – D)
 - f. Higher / Lower Price Certificate (Annexure – E)
 - g. Letter of Authority issued by Manufacturer of the product in prescribed format in the case of tender submitted by Dealer/ Authorized Agent (Annexure – F)
 - h. Names & addresses of actual users of the equipment / item quoted **along with Performance report of at least 2 users** (Annexure – G)
 - i. PTF Duly Signed including Technical Bid in prescribed format (Annexure – H)
 - j. Original Product literature / Photograph mentioning all technical specifications & service Manual if the unit price exceeds Rs.25,000/-I.S.I. Certificate (mandatory if asked in Technical Specification).
 - k. List of essential accessories required to operate the equipment {if any}
 - l. All photo copies must be submitted duly certified true copy/self-attested.
16. The enclosures shown at Annexure “A” to “H” MUST are in the prescribed format attached. If these certificates/ declarations are submitted but in a format different than that prescribed, they are liable to be rejected without further reference. Above documents should be in the format prescribed by the authorities competent to issue these certificates.
17. (a) The Tender shall be submitted by manufactures or by their authorized dealer/ Stockiest.
- (b) In case where item is required with ISI Mark, manufacturing and selling experience of product having ISI mark will only be considered. But, in such a case, certified copies of licenses to use ISI mark for last one year as well as latest and valid license are to be submitted with tender. The license should be valid during the period of rate contract. It will be the sole responsibility of R.C./ A.T. Holder to ensure that necessary certificate and permission must be valid till the expiry of the Rate Contract.
18. In no case the certificate should be dated earlier than one year {unless otherwise specified} and should be in force and valid on the last date of the submission of the tender / signing of the agreement {as the case may be}. In case, the certificates / licenses / permission are outdated or the validity period is over, the proof of applying for renewal should also be attached. Such certificates will be considered if the renewal has been applied for within the time limit prescribed for the renewal of that permission / license / certificate under the relevant rules and further if such application for renewal is not specifically rejected by the competent authorities. In case any certificate is still awaited from the competent authority, the proof of making the application should also be attached which will be considered if the application is not specifically rejected by the competent authorities.
19. The Bidder must satisfy that they are in possession of the requisite permissions / licenses / permits required for the supply of the items for which the offer is made. FAILURE TO ENTER INTO CONTRACT IF SELECTED OR TO EXECUTE THE PURCHASE ORDERS AFTER ENTERING INTO CONTRACT FOR WANT OF PERMISSION / LICENSE OR DUE TO NON-SUPPLY OF CERTIFICATES / DOCUMENTS WILL BE VIEWED SERIOUSLY AND WILL INVITE FORFEITURE OF E.M.D. / RISK PURCHASE / DISQUALIFICATION FOR APPROPRIATE PERIOD WITHOUT ANY FURTHER REFERENCE.
20. **The bidder has to submit all the required details / documents and sample (if asked) etc. with the tender. No compliance will be accepted and considered after due date i.e. opening of technical bid.** However, the director/purchase committee may ask any bidder to submit any relevant

document/clarification within stipulated time. The non-compliance in this regard invites disqualification of the tender/s.

21. The tenders will be opened online on the date, time specified in tender notice. However, CED reserves right to extend the date of opening if required.
22. (a) In the first instance, only "**Technical Bid**" will be opened online on the date of opening the tender and taken into consideration for finalization. Subsequently, "**Commercial Bid**" will be opened **online** only of those Bidders whose quotations satisfy the technical requirement of the indenter and are otherwise acceptable. The date of opening of commercial bid will be intimated to the qualified bidder.
 - (b) Back out from tender at any interim level during tender processing:-

Once the tenders are submitted it will be the responsibility of the Bidder not to escape halfway directly or indirectly by way of raising any problems.
23. The technical scrutiny of the items will be carried out by a committee of experts/agency nominated by the Director which may also include demonstration / sample testing and the report of the scrutiny committee/agency shall be final and binding upon the Bidder. In case there is a discrepancy in the claim made by the Bidder and the specifications shown in the product literature / circuit diagram / photograph/sample reliance will be placed on the specifications shown in the product literature / circuit diagram photograph/sample ignoring the claim of the Bidder. Any change or alteration in the product literature / circuit diagram/ photograph must be authenticated by the manufacturer and an affidavit from the manufacturer for supplying the item as altered or changed should also be submitted failing which such changes / alterations will be ignored.

EARNEST MONEY DEPOSIT

24. All tenders must be accompanied by Earnest Money Deposit as specified in the schedule otherwise tender will be ignored.
25. (a) The E.M.D. is payable by all Bidders except Govt. of Gujarat undertaking / Corporations duly exempted by Govt. of Gujarat and manufacturers belongs to Gujarat State and having valid Micro/ SSI registration along with NSIC/CSPO/DGS& D registration for item under tender enquiry. For getting exemption from paying EMD, Bidders have to furnish valid and certified documents along with tender. Otherwise tender will be rejected.
 - (b) EMD should be paid in form of Demand Draft in favor of **The Centre for Entrepreneurship Development, Gandhinagar** drawn on any bank in Gandhinagar OR irrevocable Bank Guarantee issued by schedule Bank. The Demand Draft should be issued by bank only, after date of advertisement of tender enquiry.

Bank Guarantee will be accepted in case where amount of EMD exceeds Rs.5000/- B.G. should be valid up to ONE year from the date of its issuance. E.M.D. in any other forms will not be accepted.
26. **(A) The E.M.D. shall liable to be forfeited** in the following circumstance when,
 - {a} tender is rejected for giving any misleading statement or submission of false affidavit or fabricated documents.
 - {b} party fails to sign the agreement for entering into contract in case the offer is accepted due to any reason whatsoever;

(B) Security Deposit shall liable to be forfeited in the following circumstance when,

 - {a} party fails to supply the goods / items as per the orders placed by this organization within the delivery period so stipulated including extension granted if any.
 - {b} party fails to replace the goods declared to be not of standard quality or not conforming to acceptable standards or found to be decayed / spoilt before the date of expiry or to refund the cost of such goods **and breach of any condition of the AT except the any condition waive by the Director/purchase committee.**

ACCEPTANCE OF TENDER

27. The tender is liable for rejection due to any of the reasons mentioned below:
- (a) Non-Submission of tender within stipulated time online.
 - (b) Submission of tender without Priced Tender Form (P.T.F.) including Technical bid in prescribed format.
 - (c) Tender is unsigned OR not initialed on each page or with unauthenticated corrections.
 - (d) Submission of tender documents in unsealed envelopes.
 - (e) Tender not submitted in separate envelopes as per conditions and the envelopes are not super scribed with details of the tender enquiry and part enclosed.
 - (f) Non-payment of Earnest Money Deposit {if not exempted.}
 - (g) Non-submission of required documents as shown in para 15 above.
 - (h) Conditional and / or vague offers
 - (i) Unsatisfactory past performance of the Bidder.
 - (j) Rates have been shown elsewhere other than Part-II i.e. online.
 - (k) Items with major changes / deviations in the specifications / standard / grade / packing / quality are offered in Part-I. (Please see condition No.13 (a)).
 - (l) Offering a cheaper accessory not approved / recommended by the manufacturer.
 - (m) Offering an accessory as optional even though it is required to operate the instrument.
 - (n) Submission of misleading / contradictory / false statement or information and fabricated / invalid documents.
 - (o) Tenders not filled up properly.
28. Any conditional discount given by the bidder such as discount applicable on total order value, minimum order value on certain group of items etc. will not be considered for evaluation purpose. However, for ordering purpose, such discount shall be considered.
29. Discount offered after price bid opening shall also be not considered for evaluation. However in a case Bidder happens to be selected bidder (without considering discount) such discount shall be considered while placing the order.
30. The consolidated rates will be taken in to account for preparing price statement. However, the tender which found technically acceptable as well as lowest in terms of evaluated rates only be considered for placing the order but, order will be placed at quoted or mutually agreed price.
31. The Director may seek any clarification / explanation / document any evidence related to offer at any stage from Bidders if required. However any clarification / explanation or documentary evidence leads to implication on quoted price shall be considered only for placing the order but not for price evaluation.
32. (a) Director, C.E.D. Gandhinagar/Purchase Committee constituted by Director reserves the right to consider or reject any or all tenders or close the tender enquiry without assigning any reason at any time at any stage.
- (b) In the case, when negotiation required, the Director, CED/ Purchase Committee constituted by Director can call Bidders for negotiation of price on merit basis.
33. The Director, C.E.D. Gandhinagar/Purchase Committee constituted by Director does not pledge himself to accept the lowest or any tender and also reserves the right to accept the whole or any part of the tender against any item at his discretion. The tender will be accepted if Director, C.E.D, is satisfied about the production, sale, quoted price technical details, utility of products and past performances of Bidder.

GENERAL

34. Successful Bidders have to pay **Security Deposit** as specified by the organization in the agreement letter in the form of Demand Draft in the name of **The Centre for entrepreneurship Development, Gandhinagar** drawn on any bank in Gandhinagar / irrevocable bank guarantee valid for a period not less than 18 months required at the time of entering into agreement for the performance of the contract and same to be extended by contractor as and when desired by organization. Failure to pay security deposit and to execute the agreement within stipulated period shall invite disqualification of the Bidder for future quotations apart from forfeiture of E.M.D. and being liable for penalty as deemed fit by Director in relation to the tender under process. Security deposit is payable by all the parties except by the undertakings and corporations of the government of Gujarat which are exempted by Government. The security deposits submitted in connection with the earlier contracts and which are locked with those contracts and which have not been released till date will not be considered and fresh security deposit separately for each item must be submitted in such cases. The security deposit shall be refunded only after satisfactory execution of the contract and recovery of dues, if any.
35. Successful Bidder has to enter into agreement for due performance of the contract. The agreement form sent by this Office should be stamped with the adhesive stamp for the requisite amount, and signed before any Officer of this Office or before a 1st Class Magistrate or Justice of peace or Notary Public.
36. **The Accepted Tender (A.T.) holder should supply the, equipment / items in fresh and sound condition meeting with the specification and packing approved by the Director. Refurbished or second-hand equipment / stores will not be allowed under any circumstances. If such case is noticed, then the store will be rejected out rightly and penal action will be taken against the A.T holder. All supply orders issued by the Director, CED on or before the last date of the currency of the A.T. will have to be accepted by the A.T. holder and the delivery for all such orders will have to be effected as per the schedule specified in the order, even though the date of actual supply may fall beyond the last date of the A.T.**

TERMS OF SUPPLY

37. In the event of breakages or loss of stores during transit against requisition order the said quantity will have to be replaced by the A.T. holder. The purchaser will not pay separately for transit insurance and the supplier will be responsible for the stores as soon as possible, but not later than 15 days from the date of arrival of stores at destinations notify the A.T. holder of any loss or damages to the stores that might / should have occurred during the transit.
38. **INSPECTION:**
- (a) Inspection is to be carried out by the consignee i.e M/s. RAJKOT ENGINEERING TESTING AND RESEARCH CENTER. The inspection report, duly signed and stamped by inspecting authority is to be submitted along with invoices and delivery challan.
 - (b) Inspection shall normally be carried out in the premises of the consignee. However, in case of stores ordered shall have to be offered for inspection in the open condition if required and the same shall be repacked in presence of inspecting authority. All the packing should be sealed and signed by inspecting authority and sent to the consignee without any extra cost within the delivery period.
 - (c) The stores found conforming to the tender specification or shown in the order placed (A.T.) by the inspecting authority, only shall be accepted by the consignees.
 - (d) In case of stores to be delivered, required installation with foundation and commissioning, the final installation and commissioning report of the inspecting authority duly countersigned by the consignees also should be submitted along with final bill.

39. No guarantee can be given as to the minimum quantity which will be drawn against the Rate Contract but the contractor will supply such quantities as may be ordered by this organization during the currency of the contract, from time to time.
40. **Delivery Period/ Liquidate Damages.**
- (a) The maximum delivery period will be **90 days** from the date of issue of A.T. The delivery, Installation and commissioning of entire stores and inspection should be completed within the stipulated delivery period
 - (b) In case of foundation of machineries required, same is also to be completed within the stipulated delivery period.
 - (c) In case renderer fails to complete inspection, delivery, installation with foundation and commissioning of the stores within the stipulated delivery period, an amount equivalent to ½ % per week (or part thereof) of the value of the stores not supplied/installed shall be recovered per week as liquidated damages unless the same is waived by the Director. Such recovery of the liquidated damages will not stop the Director from carrying out risk purchase described elsewhere and the amount recovered will be in addition to the difference of the risk purchase.
41. The bills / invoices are required to be submitted by Bidders specifying the following details in the appropriate place of the invoices along with original delivery challen, duly signed and stamped by the consignee:
- (a) No. and date of bills or invoice.
 - (b) No. and date of A.T. / R.C.
 - (c) No. and date of order.
 - (d) Name and specification of item.
 - (e) Name of manufacturer Model / Make / Brand
 - (f) Quantity
 - (g) Destination
 - (h) VAT, excise, ST No.; and
 - (i) Total cost.
42. The A.T. holder shall not charge VAT / C.S.T. if they have been exempted by concerned authority. Further they cannot charge excess amount of C.S.T. what applicable. An amount of Sales Tax as applicable to be shown separately in the bill/invoice raised. Further, an amount of Sales Tax so collected should be remitted to the Govt. within prescribed time limit, otherwise strict action will be taken against defaulters.
43. The A.T holder will not charge any Octroi and he should obtain Octroi exemption certificate from the indenter / consignee.
- 44. Payment Terms:** After completion of delivery of entire stores ordered, supplier has to submit **single invoice**. On the basis of invoice, the payment shall be made to the A.T. holder **subject to availability of security deposit/ B.G. valid up to the completion of warrantee period.**

{I} For goods requiring installation:

{a} 75% of the invoice amount will be paid within 30 days of the receipt, **showing entire quantity of the goods** and conforming to the required specifications **with delivery challan & inspection report** and the balance 25% within 30 days of satisfactory trial and installation of the goods at the destination

OR

{b} 100% of the invoice amount will be paid within 30 days of the satisfactory trial, installation & commissioning of the goods at the destination and the inspection report conforming to the specification required or on receipt of Invoice whichever is later.

OR

{c} 90% of the invoice amount will be paid within 60 days of the delivery in good condition along with inspection report conforming to required specification if the item requires installation but the installation cannot be carried out due to the reasons not associated with the Bidder.

OR

SIGNATURE & STAMP OF TENDERER

- {d} In case where payment through letter of credit is considered by the purchasing authority, letter of credit shall be opened subject to 75% amount shall be released by bank on confirmation of dispatch of goods by foreign supplier and rest of amount shall be released by bank on receipt of such advice from consignee.

{II} For goods not requiring installation.

- {a} 100% of the Invoice amount will be paid within 30 days of the delivery of the goods at the destination in good condition.
- {b} No interest will be chargeable by the A.T. holder, if the payment is delayed.
45. The payment of the bill shall be made after deducting dues, if any.
46. The payment of the bills shall be withheld in the following circumstances:
- a) The goods are found sub-standard or in non-acceptable condition.
 - b) Breach of any condition of the contract by the A.T. holder.
 - c) Previous dues of A.T.holder.
 - d) Non submission of delivery report, Installation report (including foundation) of submission of the same without endorsement of consignee
 - (e) Non-submission of Inspection report
 - (f) Submission of misleading document
 - (g) Non-supply of entire quantity of stores for which order is placed.
47. The price escalation clause will not be allowed under any circumstances except statutory taxes / duties imposed / withdrawn / Increased / decreased on quoted items by the State or Central Govt. during the period between opening of technical bid and stipulated date of delivery. The statutory price variation will not be allowed in the cases where:
- {a} Stores offered on ex-stock basis.
 - {b} Store to be purchased on emergency basis.
 - {c} Statutory variation not communicated in time its announcement by the contractor
 - {d} Price break up and prevailing rate swell as amount of taxes / duties not clearly mentioned in Commercial Bid.
 - {e} Duties / Taxes applicable due to mere crossing the limit of production / sales.
 - {f} Duties / Taxes imposed / increased by the Govt. after stipulated delivery period shown in the contract .

RISK PURCHASE

48. The risk purchase of the items ordered at the cost and risk of the party will be carried out when the party fails to:
- {a} Sign the agreement for entering into contract due to any reason whatsoever in case the offer is accepted.
 - {b} supply the goods / items as per the orders placed by either this organization or by direct demanding officers within the delivery period stipulated above;
 - {c} Party fails to replace the goods declared to be not of standard quality or not conforming to acceptable standards or found to be decayed / infected / spoilt before the date of expiry or to refund the cost of such goods.
- Note: In cases of {b} and {c} above, the risk purchase will be limited to the quantity so specified therein.
49. The Risk Purchase will be done at any time after the delivery period is over. The Risk Purchase will be done from the next higher acceptable offer in the respective tender for undelivered quantity of the Stores& the Contractor shall be penalized to extend of 10% or difference whichever is higher. Provided that if the risk purchase cannot be carried out on the basis of above, then it will be carried out from the market after following the prescribed procedure.
50. Any monetary claim arising due to any of the terms and conditions of the tender / supply, including the difference arising due to risk purchase, will be recovered in the following manner:
- {a} From any pending bills of the party;
 - {b} From any E.M.D./ Security Deposits of the party;

51. **Standard Breach Clause:** The Director shall, in addition to his powers under other clauses to terminate the contract, have powers to terminate his liability there under of the time by giving one month's (or such shorter period as may be mutually agreed) notice in writing to A.T.holder of his desire to do so and upon expiry of the notice, the contract shall be terminated without prejudice to the right accrued to the date of the termination. However, if the CED decided to put an end to the business relations on breach of any conditions of the contract no such notice shall be necessary and on event of Government (CED) decided to put an end to the business relations on breach of any conditions of the contract no such notice shall be necessary and on event of Government (CED) deciding to terminate the business, and the A.T. sh all stand terminated with immediate effect.
52. (a) **Warranty Clause:** The A.T/ R.C holder Shall be subjected to the following warranty clause that the goods/stores/articles sold to the buyer under this contract shall be of the best quality and workmanship and shall be strictly in with the specifications and particulars contained / mentioned in the acceptance of tender notwithstanding the fact that the purchaser may have inspected and / or approved the said goods / stores / articles a priori and shall operate and function as specified for a period not less than **12 months from the date of Installation /commissioning / Demonstration (Whichever is later)**. In the cases where installation is not required the date of installation and commissioning will be considered as date of delivery. The decision of the purchaser in that behalf will be final and conclusive and he will be entitled to reject the said goods / stores / articles or such portion there as may be discovered not to confirm to the said description and quality. On such rejections the goods / stores / articles will be at the seller's risk and all the provisions here in contained relating rejection of goods etc. shall apply. The contractor / seller shall if, so called upon to do replace within a period of month of such further period as may be extended from time to time by the purchaser in its discretion on an application made thereof by the contractor / seller the goods / stores / articles or such portion thereof is its rejected in by the purchaser and it such on even above mentioned warranty period shall be pay to purchaser such damages as may arise by reasons for the breach of the conditions herein contained. Nothing herein contained shall prejudice any other right of the purchaser in that behalf under this contract or otherwise.
- (b) Bidders will have to provide free services for maintenance during the warranty period whenever required. In addition to provide services, supplier has to attend the complaint, if any, for any defects, within 48 hours including replacement of any defective part, failing which liquidated damages, as decided shall be recovered and similarly, period of breakdown of equipment shall be excluded from the warranty period. In such a case period of warranty shall be extended accordingly.
53. **Replacement Clause:** If any stores supplied against the A.T. are found to be of not of standard quality on inspection and / or analysis by the competent authority, the contractor shall be liable to replace the entire quantity of the relevant order within the period as applicable under clause 39 supra or makefull payment of the entire consignment against the particular invoice, irrespective of the fact that part or full quantity of the store supplied, may have been consumed. The decision of the Director taken on the basis of the report of the competent laboratory regarding goods not of standard quality will be final and binding. The stock of any item which has been declared not of standard quality shall be withdrawn from all the indenters and will not be returned to the contractor but will be destroyed by the organization and the contractor shall have no claim over such stores. If the replacement or payment as specified is not made by the contractor, the procedure for risk purchase as shown above will be initiated without any further reference or intimation to the contractor, however, the Director may ask for supply of 20% of the original consignment to meet any exigency of the situation. Neither Claim for relaxation of replacement for return of goods declared to be not of standard quality nor any request for acceptance of the replacement goods delayed after the delivery period, due to any reason whatsoever, will be entertained.
54. In case of the Rate Contract, the period of the rate contract shall be approximately one year from the date of its issuance. However, the Director reserves the right to terminate the contract by giving one moth notice at any time at any stage and without assigning any reason.
55. In case of the rate contract, the Director may extend the rate contract subject to the same terms of conditions, if found necessary to do so for a period not exceeding six months to which the contractor will have to abide. However, the extension for a period more than six months can be granted on mutual agreement by both parties. In case of the quantity purchase, the Director, if found expedient, may place within prescribed period from the date of A.T. a repeat order for the quantity not exceeding the quantity specified in the A.T. on the same terms and conditions as per the A.T. which the contractor will have to supply. However, the repeat order for the quantity more than the quantity of the original A.T. or after a

prescribed period from the date of A.T. can be placed on mutual agreement by both parties and subject to approval of concerned authority.

56. The A.T. can also be terminated by the Director in the following circumstances:
- a) If the firm is debarred or disqualified or ceases to exist or convicted of any offence.
 - b) If the quality of the item to be supplied is found not up to the standard and multiple samples are found to be not of standard quality.
 - c) If supply position of the firm is not satisfactory
57. Whenever under this contract any sum of money is recoverable from the contractor & payable by the contractor to the Director of Centre for entrepreneurship Development, Gandhinagar, or an officer empowered by him shall be entitled to recover such sum by appropriating in part of whole the Security Deposit paid by the Contractor, if a security being insufficient or if no security has been taken from contractor, then the balance of the total sum recoverable as the case may be deducted from the sum due to the contractor under this or any other contract (with the Director, The Centre for entrepreneurship Development, Gandhinagar). For any clarification on any of the above conditions, Bidders may contact the Director / Chief Project Leader / Advisor during any working day.
58. The jurisdiction of any dispute will be Gandhinagar or Ahmedabad.
59. Warranty for 1 year & CMC price/ A.M.C. Price {not more than 10% / 5 % (whichever is applicable) cost of the equipment, otherwise offer will be out rightly rejected} for next 4 years, which should include cost of labour & spares for entire equipment. The CMC price should by filled in commercial bid only.
60. Order may be placed **anytime** during validity period of the A.T. Holder, the A.T.Holder has to provide those machinery-equipment at consignee's place as mentioned in price tender form.
If it is not mentioned, then it shall be presumed to deliver those goods anywhere **in the entire state within quantity mentioned in Price tender Form**. In that case whenever the order will be placed, CED will provide name of consignee, their contact details and place of consignee.
61. CED reserves the right to change the place of delivery, then also price would remain same as quoted for that center also.
62. If, CED wants to purchase additional Quantity (up to 100 % repeat order) for additional/ existing consignee, price would remain same as quoted. In that case, whenever the order will be placed, CED will provide name of consignee, their contact details and place of consignee (For all over Gujarat).
63. All the electrical components require/shown in the specification of the machinery/equipment should have ISI mark.

VERIFICATION, UNDERTAKING, CHECK LIST & DOCUMENTS

From: M/s. _____

No.: _____

To:

The Director,
The Centre for Entrepreneurship Development (CED)
Block No.1, 9th Floor, UdyogBhavan, Sector- 11, Gandhinagar-382017.,
Phone No : (079) 23256671, (079) 23243847
FAX (079) 232 56679

Sub: Supply of Instruments / Equipment Items for CFC.**Ref: Tender Enquiry # _____**

Sir,

I/We enclose the priced tender form duly signed. Necessary documents as shown in Annexure "B" are enclosed herewith (in order in which they are mentioned). The rates quoted against each item are inclusive of excise duties and other charges. I/We have carefully read and understood the terms and the conditions stated in the tenders form and I/We shall abide by all these conditions. I/We further endorse that in particular, the terms and conditions of Delivery Period, Payment Terms, Place of Delivery, etc. are acceptable to me/us and no representation will be made by me/us afterwards for altering the same. I/We further undertake to supply the goods to the consignees as per the terms of the A.T.

I/We verify that the copies of the certificates / documents attached herewith are authentic true copies of the original certificates / documents for verification on demand. I/We undertake to supply the attested copies of certificates / documents required at the time of signing the letter of agreement if my/our offer is accepted.

I/We verify that I/We are in possession of the requisite licenses / permits required for the manufacture / supply / sale / distribution of the items and further verify that the said licenses / permits have not been revoked / cancelled by the issuing authorities and are valid as on date. I/We also verify that I/We have not been declared defaulter, blacklisted or debarred by any state or Central Government or Constitutional authority or Financial institution or Judicial Court or any Government undertakings.

I/We also take cognizance of the fact that providing misleading or questionable information or failure to furnish correct or true information to you or any other Direct Demand Officer or failure to comply with any contractual requirement laid down by you / them will be considered as a serious breach of the terms and conditions of the tender and will invite disqualification and other penal action as deemed fit by the Government / Purchase Committee, C.E.D.

Thanking you,

Yours faithfully

Date: _____

SCHEDULE OF DOCUMENTS ATTACHED TO T.E. # CFC/P&F/2016/2

Sr. No.	Document / Certificate	Attached	Page No.
1	MSME Part – II / Industrial license / Factory Inspectors license / Product permission. {if applicable}/ Registration with C.S.P.O./ Shop & Establishment Act/ Commercial Tax / K.V.I.C./ N.S.I.C./ D.G.S.&D. {whichever are applicable}	Yes / No	
2	Copy of the Partnership deed/ Memorandum of article (whichever is applicable) alongwith registration documents.	Yes / No	
3	S.T. Clearance Certificate& Returns	Yes / No	
4	Tender fees and Earnest Money Deposit (E.M.D.) (Annexure – C)	Yes / No	
5	Declaration of ownership (Annexure – D)	Yes / No	
6	Higher / Lower Price Certificate (Annexure – E)	Yes/No	
7	Letter of Authority issued by Manufacturer of the product in prescribed format in the case of tender submitted by Dealer/ Authorized Agent (Annexure – F)	Yes/No	
8	Names & addresses of actual users of the equipment / item quoted alongwith Performance report of at least 2 users (Annexure – G)	Yes/No	
9	PTF Duly Signed including Technical Bid in prescribed format (Annexure – H)	Yes / No	
10	Original Product Literature / Photograph	Yes / No / Not Applicable	
11	I.S.I. Certificate (mandatory if asked in Technical Specification).	Yes / No/Not Applicable	

It is verified that all the certificates / permissions / documents are valid and current as on date and have not been withdrawn / cancelled by the issuing authority. It is further verified that the certificate at of Sr. no. 2 is as per the format prescribed by the C.E.D. and it is clearly and distinctly understood by me / us that the tender is liable to be rejected if on scrutiny and of these certificate is found to be not as per the prescribed format of C.E.D.

I/We further undertake to produce on demand the original certificate / permission / documents/clarification etc. for verification at any stage during the processing of the tender.

Date:

Place:

Bidding Schedules

<i>Tender Fee (Nonrefundable)</i>		
Furnish the Payment Details of Tender Document		
Sr. No	Description	Supplier Response
1.	Amount (Rs.)	
2.	Bank Name	
3.	DD No.	
4.	Branch Name	
5.	If Exempted, fill details of exemption	
<ul style="list-style-type: none"> Payment made toward Tender fee will not be refunded Non payment of the document fee will be make the supplier liable for disqualifications Wrong/ Fraudulent data submission may lead to disqualification, please ensure that you furnish correct data 		

<i>Earnest Money Deposit (EMD)</i>		
Furnish the Payment Details of EMD		
Sr. No	Description	Supplier Response
1.	Amount (Rs.)	
2.	Bank Name	
3.	DD No.	
4.	Branch Name	
5.	If Exempted, fill details of exemption	
<ul style="list-style-type: none"> Payment should be made by DD, DD should be payable at Gandhinagar at any schedule bank. Payment should be made in favor of “The Centre for Entrepreneurship Development, Gandhinagar. EMD will be refunded after rejection of tenders/ receipt of Security Deposit of Accepted offers. (whichever is applicable) Non Payment of the EMD or insufficient amount of EMD will be made the supplier liable for disqualifications. Wrong/Fraudulent date submission may lead to disqualification, please ensure that you furnish correct data. 		

DECLARATION OF OWNERSHIP

1. I/We certify that the Bidder is sole proprietorship / partnership firm / private limited company / public limited company of which the registered office is located in _____ in the state of _____
2. The name, designation and address of the authorized signatory who is authorized to negotiate / sign / execute on behalf of the Bidder is as under:

Name _____ Designation: _____

Address: _____

Email: _____ Telephone: (O) _____ (R) _____

Fax: _____ (Mobile) _____

3. The name, residential address and telephone numbers of the sole proprietor / all the partners / all the directors of the Bidder are as under;

#	Name	Residential Address	Telephone®	Fax	e Mail
			(O)		
			(R)		
			(M)		

Date: _____

Note:-

Details must be provided in above format. Tender is liable to reject on missing / misleading information.

HIGHER PRICE / LOWER PRICE CERTIFICATE

1. I/We_____ hereby certify that the prices quoted by us in Tender Enquiry #_____are not higher than the prices:
{a} Charged by us to wholesalers or for institutional supplies;

2. I/We further certify that I/We have not supplied or quoted for item/s covered under this Tender Enquiry # _____at lower price compared to price quoted in the commercial bid of this tender to any Government / Semi Government / Public / Charitable Trust Organization / Institution within the period of 180 days preceding the last date of submission of the tender.

3. I/We hereby undertake that I/We will not supply or quote for any item in Tender Enquiry # _____at prices lower than those quoted for the relevant items to any Government / Semi Government / Public / Charitable Trust Organization / Institution within the period of validity of the offer / rate contract. In case of reduction of prices during the operative period of contract, the same will be bring to the notice of CED and made effective immediately.

4. I/We also undertake to bring to the attention of the Director any incidence of breach of any of the above undertakings within 30 days from the occurrence of the breach and further undertake to refund / reimburse the difference which may arise due to breach of any of the above undertakings and I/We also understand that the decision of the Director with regards to the determination of quantum payable shall be final.

Date:_____

Letter of Authority

Date:

To,
The Director,
The Centre for Entrepreneurship Development,
Udyog Bhavan, Gandhinagar

Subject: Authorization of Supplier

With reference to this Tender, we authorize M/s. _____,
_____ (Address) to participate in this Tender for the below listed product,

Sr. No.	List of Equipment	Brand/ Model
1		
2		
3		
4		

We undertake to deliver the machines/stores as per tender specification or offered specification within stipulated delivery period. We also take the responsibility of Warranty as per the tender terms and condition on behalf of bidder against manufacturing defect and providing after sales service as per tender terms.

Thank You,

For _____

Authorized Signatory
(Duly Signed and Stamped)

On Principle Manufacturer's Letter Head....

Declaration

We M/s. (Name of Principle Manufacturer) is hereby declared that following Items manufacture by us and supplied to **following users**.

Sr. No.	Name of Machine	Model	List of Users, address with Contact details	Delivered on... (Date)
1			1. 2. 3.	
2			1. 2. 3.	

Duly Stamped &
Signature of Principle Manufacturer

TECHNICAL BID FOR MACHINERIES/EQUIPMENTS
(To be submitted in Physical form only)

Name of Firm : _____ Address : _____ _____
Technical Bid for following Machineries/Equipment

Machinery for the Common Facility Centre

Sr. No. (1)	Item and Required Technical Specification (2)	Specification Offered (Please indicate deviation, if any) (3)	Make/Brand (4)
1	Vee Notch: <ul style="list-style-type: none"> • 0-60 LPS • Dimension As per IS :11346:2002 • With 90 degree brass plate and LPS measuring device 		
2	RTD, Thermocouple <ul style="list-style-type: none"> • Maximum temp. 0-500 C. • Dia.: 2.5 mm. • Make : Masibus. 		
3	On line Power Analyzer/Power Meter: On line power analyzer with testing Panel for Single phase & three phases pump with computer system. (Amp. Capacity: Suitable up to 5 HP single phase & 25 HP three pump sets) Specifications: Panel will capable to measure following parameter. (With min. 0.2 % accuracy for electrical parameter) <ul style="list-style-type: none"> • Voltage: Up to 300 V for single & up to 500 V for three phase. • Ampere: 40 Amp. For single & 60 Amp. For three phase. (Direct measurement without CT) • Watt: 12 kW for single phase & 30 kW for 3 phase. (Direct measurement without CT)) • Freq.: 48 to 52 Hz. • Power factor: 0 to 1 leading & lagging. • Pressure: up to 600 mtrs. • Suction (Vacuum): Up to - 10 mtrs. • RPM: Up to 3000 RPM. • Capable to measure RPM of both kind submerge & surface pumps. • Flow: Up to 6000 LPM (With digital input) Panel consist of following: <ul style="list-style-type: none"> • 1 ph. Starter. (Capacity: 40 Amp.) • 3 Ph. Star delta starter. (Capacity:60 Amp.) 		

Sr. No. (1)	Item and Required Technical Specification (2)	Specification Offered (Please indicate deviation, if any) (3)	Make/Brand (4)
	<ul style="list-style-type: none"> • 3 phase 60 Amp. Oil cooled motorized autotransformer with oil. • Capacitor selector switches for starting & Running Capacitors including with capacitor bank for single phase submersible pump sets. (Capacitor bank up to 5HP single phase.) • Voltage Up-Down Switches. (For dimmer) • Programmable Control card & relay card for automation. • Pressure regulator for auto/ manual function for controlling valve with USB RS-485 computer interface. • Software with curve & performance report. • Suitable Computer system with peripherals such as LED monitor, Laser printer etc. • Calibration report required from NABL accredited lab. 		
4	<p>Power Panel: Power panel with testing Panel for Single phase & three phases pump with computer system.</p> <p>(Amp. Capacity: Suitable up to 7.5 HP single phase & 100 HP three pump sets)</p> <p>Specifications:</p> <p>Panel will capable to measure following parameter (With min. 0.2 % accuracy for electrical parameter).</p> <ul style="list-style-type: none"> • Voltage: Up to 300 V for single & up to 500 V for three phase. • Ampere: 40 Amp. For single & 180 Amp. For three phase. (Direct measurement without CT) • Watt: 12 kW for single phase & 90 kW for 3 phase. (Direct measurement without CT) • Freq.: 48 to 52 Hz. • Power factor: 0 to 1 leading & lagging. • Pressure: up to 600 mtrs. • Suction (Vacuum): Up to - 10 mtrs. • RPM: Up to 3000 RPM. • (Capable to measure RPM of both kinds submerge & surface pumps) • Flow: Up to 6000 LPM (With digital input) <p>Panel consists of following:</p> <ul style="list-style-type: none"> • 1 ph. Starter. (Capacity: 40 Amp.) • 3 Ph. Star delta starter. (Capacity: 150 Amp.) • 3 phase 150 Amp. Oil cooled motorized autotransformer with oil. • Capacitor selector switches for starting & Running Capacitors including with capacitor bank for single phase submersible pump sets. (Capacitor bank up to 7.5 HP single phase) • Voltage Up-Down Switches. (For dimmer) • Programmable Control card & relay card for automation. • Pressure regulator for auto/ manual function for controlling valve with USB RS-485 computer interface. • Software with curve & performance report. • Suitable Computer system with peripherals such as LED monitor, Laser printer etc. peripherals such as LED monitors, Laser printer etc. • Calibration report required from NABL accredited lab. 		

Sr. No. (1)	Item and Required Technical Specification (2)	Specification Offered (Please indicate deviation, if any) (3)	Make/Brand (4)
5	<p>Eddy Current Drive (dynamometer)</p> <ul style="list-style-type: none"> • Consists of cooling chambers mad from special alloy steel, • Cradle mounted housing with flexure support, • Contact- less speed measurement, • Load cell for torque measurement. • Make : Saj Test Palnt Pvt.Ltd. or Dynaspeed <p>With following Accessories:</p> <ul style="list-style-type: none"> • Calibration system kit, • two weight levers, • two trays, • weight pieces suitable for calibration up to full scale of dynamometer, • Magnetic filter, cardan shaft guard, • Dynamometer control system LSG 2010 &LEW 2000 • Dynamometer –up to 0.37 Kw and 100 Kw • Manufacturer will suggest set of different range of dynamometer to cover above range • With installation and foundation. 		
6	<p>Variable Frequency Drive:</p> <ul style="list-style-type: none"> • Each one of 10 kw & 100 kw • 380 to 440V, 3 phase each • Ambient temp. -50 °C • Freq. Range: 0 to 400 Hz. • Control mode: V/F, Dynamic Torque vector with & without PG • Make : ABB or Fuji 		
7	<p>Precision LCR Meter:</p> <ul style="list-style-type: none"> • Inductance: 2mH to 20 mH, • Resistance: 200 Ohms to 500 Mohms. • Capacitance: 2nF to 100 uF 		
8	<p>Electrometer:</p> <ul style="list-style-type: none"> • Current :1 fA to 20 mA, • Voltage: 10 μ V to 200 V, • Resistance: 50 Ω to 10¹⁶Ω, • Charge: 10fc to 2μC, • Input impedance 200TΩ. <p>With Accessories:</p> <ul style="list-style-type: none"> • 237-ALG-2 Low Noise triax Cable, • 3- slot triax to alligator clips, • 2m 8607 safety high voltage dual test leads, • 6517-TP Thermocouple bread probe, • CS-1305 Interlock Connector. 		
9	<p>Rapid Carbon Sulphur Analyzer:</p> <ul style="list-style-type: none"> • Combustion furnace: combustion tube furnace to accommodate combustion tube of size 22mm Od and 600mm length, • Maximum temperature: 1350 °C. • Power: 220 volts, 50 cycles AC. • Connected loads 1.5kw, control with standard accessories. 		
10	<p>Atomic Absorption Spectrometer:</p> <ul style="list-style-type: none"> • Wavelength range: 190-900n, • Wavelength accuracy: ± 0.25nm, Resolution • Two spectral lines of mn at 279.8 nm can be separated with the spectral bandwidth of 0.5nm and valley-peak energy ratio less than 30% , • Baseline stability : ≤ 0.004A/30min, 		

Sr. No. (1)	Item and Required Technical Specification (2)	Specification Offered (Please indicate deviation, if any) (3)	Make/Brand (4)
	<ul style="list-style-type: none"> • Background correction : the D2 lamp background correction capability at 1A is better than 30 times, • The S-H background correction capability at 1.8A is better than 30 times, • L x W x H:1020 x 490 x 540 mm (main unit), • Weight: 80kg. Accessories: <ul style="list-style-type: none"> • AC & printer, • stabilizer, • fume hood, • filled acetylene gas cylinder acetylene gas regulator 		
11	Industrial X-ray Equipment: <ul style="list-style-type: none"> • Range: 200/5k v/Ma, • Focal spot-1.5x1.5mm, • Weight:20 kg, • Penetration in tube : 25mm. 		
12	Shadowgraph checking machine: <ul style="list-style-type: none"> • Size of top plate 420 mm x 250 mm, • Traverse: X & Y axis 250 X 150 mm, • Load capacity 25 Kg, • Z axis travel 150 mm, • Imaging device 1.3M pixel 1/2" CMOS video camera, • Lens with resolution tele-centric zoom lens magnification range 20 x 125 x. 		
13	Radiography Camera: <ul style="list-style-type: none"> • Ytterbium-0.74Tbq, • Selenium-5.55Tbq, • iridium-5.55 Tbq, • cobalt -2.40 Gbq. • With inbuilt computer software for capturing the radiographic image 		
14	Universal Length Machine: <ul style="list-style-type: none"> • Measuring Range : 100, Performance Data x Axis Resolution, 0.1 μm Absolut • Differential : 400mm, Measurement Uncertainty, 0.5 + L / 1000 μm • Application Range : 0-400 mm, Measuring Force, 0.2 N, 2 N Extranal Plan • Internal Plan : 3-300 mm, Work Table / Vertical Axis, • External Taper : up to 350 mm, Work Table Dimension, 160 x 160 mm • Internal Taper : 3-100 mm, Height Adjustment, 75 mm • Cylindrical Thread External (d2) : 1-350 mm, Resolution, 0.1 μm (Pitch : 0.2 – 6 mm) • Cylindrical Thread External (d2) : 3-300 mm, Float, 20mm (Pitch : 0.2 – 6 mm) • Taper Thread Extranal (d2) : up to 350 mm, Rotation, \pm 1.5 • Taper Thread Internal (d2) : 3-100 mm, Tilt, \pm 1.5 • Gear External (mdk) : 7-300 mm, Load Capacity, 10 kg. • Gear Internal (mdk) : 20-300 mm, Dimensions, Weight and Operational conditions • Measuring Instruments: 5-100 mm, L x W x H, 850 x250 x 470 Dial Indicators, Dial Test Indicators: Weight (kg), 70 kg Cylinder bore gauges int., • Power Supply: 230 Vac, 50 Hz • Micrometer 3 Point • Extremal Micrometer, up to 400, • Display System, DRo / PC Based Internal Micrometer 2 Point 		

Sr. No. (1)	Item and Required Technical Specification (2)	Specification Offered (Please indicate deviation, if any) (3)	Make/Brand (4)
15	Electronic Dial Calibration Tester: <ul style="list-style-type: none"> • Measuring range 22mm, • Resolution :0.0001mm. 		
16	Tape & Scale calibration: <ul style="list-style-type: none"> • Range: 0-100mm, • Least count:0.005mm, • Overall dimension: 1250x200x335mm. 		
17	Dead weight Tester <ul style="list-style-type: none"> • Range: 0 to 1000 bar, • Accuracy: ± 0.1 %, • Pressure medium: hydraulic oil. 		
18	Vacuum Gauge <ul style="list-style-type: none"> • One unit with range: 0 to 400 mmHg and second unit with range :0 to 700mmHg • Dial size:3” min. with SS casing 		
19	Mercury Manometers: <ul style="list-style-type: none"> • Up to 700mm 		
20	Process Calibrator: <ul style="list-style-type: none"> • For calibrating thermocouples, indicators, controllers, transmitters, receivers and mA, mV, measuring instruments, • Range: 0 to 1000c. 		
21	Pressure Calibrator: (To calibrate pressure & vacuum range) <ul style="list-style-type: none"> • Range: 0.5 to 50 Kg/cm² • Resolution: 0.0001 bar • Accuracy : ± 0.05 % F.S. + 2 digit 		
22	Universal Test Bench calibrator : FEATURES: <ul style="list-style-type: none"> • Microcontroller Based Very Low Pneumatic Pressure Calibrator (Simulation & Measurement) Range: ± 5000 mm H₂O. Accuracy: ± 0.1% F.S. +2 Digits • Microcontroller Based Low / Medium Pneumatic Pressure Calibrator (Simulation & Measurement) Range: -1 to 20 Bar. Accuracy: ± 0.025% F.S. +2 Digits • Microcontroller Based Very High Hydraulic Pressure Calibrator (Simulation & Measurement) Range: 0 to 700 Bar. Accuracy: ± 0.025% F.S. +2 Digits • Temp. Calibrator Range: +50°C to 650°C. Accuracy: ± 0.6°C • Simulation and measurement of mA (0 to 25 mA), mV (0 to 200 mV DC), Volts (0 to 10 V), Thermocouples (J, K, E, T,R,S,N)&RTD(Pt100,Pt200) • Variable DC power supply 0 to 30V / 2A • Fixed +24 VDC / 1A power supply to power transmitters - Air set with Regulator • Test Bench consists of <ol style="list-style-type: none"> 1. Work Bench 2. Bench Top Panel / Unit 3. Under Bench Cabinet 4. Mains Power Supply 5. Very Low Pressure Pneumatic Calibrator (± 5000 mm H₂O) 6. Low Pressure Pneumatic Calibrator (-1 to 20 Bar) 7. High Pressure Calibrator (0 to 700 Bar) 8. Temperature Calibrator (+50 to 650°C) 9. Variable DC Power Supply (0 to 30 VDC / 2A) 		

Sr. No. (1)	Item and Required Technical Specification (2)	Specification Offered (Please indicate deviation, if any) (3)	Make/Brand (4)
	<p>10. Fixed DC Power Supply (+24V DC) 11. Universal Signal Calibrator 12. Air set</p> <p>With following Accessories:</p> <ul style="list-style-type: none"> • Necessary connectors with flexible hose to take output from the Pressure Module & input from the pump to the module will be provided • Suitable Adaptors to connect the Test Pressure gauges with the Pressure Source: • 1/4" BSP male x 1/8" BSP parallel female :01 nos • 1/4" BSP male x 1/8" NPT female : 02 nos • 1/4" BSP male x 1/4" NPT female : 01 nos • 1/4" BSP male x 3/8" BSP parallel female :01 nos • 1/4" BSP male x 3/8" NPT female :01 nos. • 1/4" BSP male x 1/2" BSP parallel female : 01 nos. • 1/4" BSP male x 1/2" NPT female :01 nos. • Necessary Test Leads to connect the output of the Power supplies, Universal Signal Calibrators, etc. • Basic Tools: -SpannerSet:6,7to32-1set -8mmAllenKey-1no. • Screw Driver (PYE) - 1 no. 		
23	<p>Electrical Safety Calibrator:</p> <ul style="list-style-type: none"> • Range (mains voltage) : 90 V ac rms to 132 V ac rms : 180 V ac rms to 264 V ac rms • Range (accessible voltage) : 0 V ac rms to 300 V ac rms • Accuracy: \pm (2 % of reading + 0.2 V) • Voltage tests: Mains and point to point • Earth resistance • Modes: Two-Wire • Test current/Ranges/Accuracy: > 200 mA ac, 0 Ω to 2 Ω, \pm (2 % of reading + 0.015 Ω) • Resistance tests: Earth resistance and point to point • Equipment current: • Mode: AC rms • Range / Accuracy: 0 A to 20 A, \pm (5 % of reading + (2 counts or 0.2 A, whichever is greater)) • Duty cycle : 15 A to 20 A, 5 min. on/5 min. Off, : 10 A to 15 A, 7 min. on/3 min. Off, : 0 A to 10 A continuous 		
24	<p>Digital Multi meter:</p> <ul style="list-style-type: none"> • Operating Principle: Feedback pulse width modulation method. Sample Mode: Auto/Single/N reading. • Sampling Interval: 3 ms to 60 min (7561 and 7562), (1 ms min., 1s at 3s or more) Maximum Reading: 1999999 • Over range Information: — oL— sign display. • Data Memory: 1000 data, measured data can be stored and recalled: (STORE/RECALL). • Ranging: AUTO, MANUAL, (remote control and programming possible). • Operating Temperature Range: 5 to 40 °C (41 to 104 F). Humidity Range: 20 to 80% relative humidity. • Warmup Time: Approx. 60 minutes to rated accuracy. <ul style="list-style-type: none"> • Power Requirements: 100 or 115, 200 or 230 V AC (must be specified), 50 or 60 Hz. Power Consumption: 20 VA max. 		

Sr. No. (1)	Item and Required Technical Specification (2)	Specification Offered (Please indicate deviation, if any) (3)	Make/Brand (4)
25	Over Head Crane: <ul style="list-style-type: none"> • Crain for testing-500 kg and 1000 kg • Overhead crane. • Type: Single guider type • Capacity; 5000 Kgs, Span: 23 mtrs, Height of lift: 6-7 meter. • Class & Duty: Class 2 medium duty. • Hoisting speed: 3-4 rpm with VFD. • Cross travel with VFD., • Long travel speed with VFD. • With gov. approved safety certificate and side installation. 		

Note: -

- (1) Details must be provided in above format for one unit of machinery/equipments as shown in the technical bid.
- (2) The bidder should offer the stores as per required specifications. However, the items offered have any deviation in specification they should mention specification of tools offered in 3rd Column.
- (3) Technical Bid should be submitted duly signed & stamped.

Annexure - "I" (Part-2)

COMMERCIAL BID FOR MACHINARIES/EQUIPMENTS

(To be submitted online only)

T.E. NO.: CFC/P&F/2016/2

Due date: _____

Name of bidder: _____

Address: _____

Sr. No.	Item and Required Technical Specification	Make / BRAND	Basic Price Per Unit Item (A)	VAT/CST VAT@____ _or CST@____ _ (B)	Other Charges (C)	Total Price Per Unit * (D)=(A)+ (B)+(C)
1	Vee Notch (0-60 LPS)					
2	RTD,Thermocuple (Maximum temp. : 0-500 C.)					
3	On line power analyzer with testing Panel for Single phase & three phases pump with computer system. (Amp. Capacity: Suitable up to 5 HP single phase & 25 HP three pump sets)					
4	Power panel with testing Panel for Single phase & three phases pump with computer system. (Amp. Capacity: Suitable up to 7.5 HP single phase & 100 HP three pump sets)					
5	Eddy Current Drive (dynamometer) with all accessories					
6	Variable Frequency Drive: (Each one of 10 kw & 100 kw with Freq. Range: 0 to 400 Hz.)					
7	Precision LCR Meter					
8	Electrometer					
9	Rapid Carbon Sulphur Analyzer: (With Combustion furnace: combustion tube furnace to accommodate combustion tube of size 22mm Od and 600mm length)					
10	Atomic Absorption Spectrometer (Wavelength range: 190-900n)					
11	Industrial X-ray Equipment (Range: 200/5kv/Ma)					
12	Shadowgraph checking machine					
13	Radiography Camera					
14	Universal Length Machine					
15	Electronic Dial Calibration Tester					
16	Tape & Scale calibration (Range: 0-100mm)					

SIGNATURE & STAMP OF TENDERER

Sr. No.	Item and Required Technical Specification	Make / BRAND	Basic Price Per Unit Item (A)	VAT/CST VAT@___ _ or CST@___ _ (B)	Other Charges (C)	Total Price Per Unit * (D)=(A)+(B)+(C)
17	Dead weight Tester (Range:0 to 1000 bar)					
18	Vacuum Gauge (One unit with range: 0 to 400 mmHg and second unit with range :0 to 700mmHg)					
19	Mercury Manometers (Up to 700mm)					
20	Process Calibrator					
21	Pressure Calibrator (Range: 0.5 to 50 Kg/cm2)					
22	Universal Test Bench calibrator					
23	Electrical Safety Calibrator:					
24	Digital Multi meter:					
25	Over Head Crane					

* Including packing, forwarding, delivery, installation (including foundation), Commissioning and demonstration charge.

Note:-

Price must be quoted for **ONE QUANTITY** only.

- (1) All terms and conditions of supply shall be applicable as per tender terms. Any terms and condition enclosed with Commercial Bid shall be ignored or in such a case offer is liable to be rejected.
- This page is shown **only for reference point** of view. Bidder has to quote their prices online only on given website and given format only.
 - If Bidder has filled their prices in this page, tender will be rejected immediately.