

राष्ट्रीय प्रतिरक्षाविज्ञान संस्थान

**NATIONAL INSTITUTE OF IMMUNOLOGY**

**J.N.U Campus, Aruna Asaf Ali Marg, New Delhi 110067**

NII/EE/Elect/19(II)/LTN/18-19/16

Date 04.07.18

**CORRIGENDUM**

Name of work: - Providing services for repair/re-winding of electrical motors, pumps, fans, at NII, New Delhi (Rate Contract)". Reference: Previous advertisement uploaded on Institute's web sites and CPPP on dated 13.06.18. Last date of **sale** of tender has now been extended upto 17.07.2018. Tenders will be received upto 2:30 PM on 18.07.2018 (**both Technical and Price bids**) and may be opened at 3:00 PM on same day (Technical bid only). Other terms and conditions are same as per tender document available on Institute's website **www.nii.res.in and CPPP**. Bidders applied earlier need not to apply again.

**Executive Engineer, NII**

राष्ट्रीय प्रतिरक्षाविज्ञान संस्थान  
**NATIONAL INSTITUTE OF  
IMMUNOLOGY**

Aruna Asaf Ali Marg, New Delhi 110067  
(Ph. No. 011-26171121-45 & 26717010-19)

**TENDER DOCUMENT  
FOR  
Providing services for repair/re-  
winding of electrical motors, pumps,  
fans at NII, New Delhi (Rate Contract)**

राष्ट्रीय प्रतिरक्षाविज्ञान संस्थान  
**NATIONAL INSTITUTE OF IMMUNOLOGY**  
Aruna Asaf Ali Marg, New Delhi 110067

NII/EE/Elect/19(II)/LTN/18-19/14

Date 13.06.18

**Limited Tender Notice**

Sealed tenders are hereby invited in two parts, (I-Technical Bid and II- Price Bid) on behalf of the Director, NATIONAL INSTITUTE OF IMMUNOLOGY, Aruna Asaf Ali Marg, JNU Campus, New Delhi-110067 for the work “**Providing services for repair/re-winding of electrical motors, pumps, fans at NII, New Delhi (Rate Contract)**” from specialized agencies, as per schedule of work and General Terms & Conditions available in the Institute office and on the Institute’s website [www.nii.res.in](http://www.nii.res.in) & **CPPP website**.

1. Name of Work : “Providing services for repair/re-winding of electrical motors, pumps, fans, at NII, New Delhi (Rate Contract)”
2. Estimated Cost : - Rate contract
3. Earnest Money : - ₹ 5,000/-
4. Last Date of sale of tender : - 02.07.18
5. Last date of receipt of tender : - 04.07.18 (upto 2.30 PM)  
(Both Technical & Price Bids)
6. Date of opening of tender : - 04.07.18 (at 3.00 PM)  
(Technical Bid only)
7. Time of completion of job : - One year
8. Cost of tender : - ₹ 500/- ((Non- refundable. However, in order to promote wider participation and ease of bidding, no cost of tender document may be charged for the tender documents downloaded by the bidders).
9. Tenderer shall furnish complete information and details as per requirement of the Tender enquiry and also to provide all the supporting documents, undertakings, declarations and evidences asked for. Bid received without complete details shall be rejected outright without any communication in this regards. After opening of bids, if any deficiency is noticed, NII may not notify the tenderer about the same for clarification and reject such tender/s. Therefore, tenderer must ensure that all the requirements of the tender have been met and complied before submission of the bid.
10. **Pre-qualification criteria:**
  - a) The agency shall have minimum of Three years experience to carry out similar nature of work with Govt. Organization etc (similar nature of work means “**repair/re-winding of electrical motors, pumps, fans etc**”) in support of which a list shall be submitted along with the tender failing which the tender will summarily be rejected. The list shall give details like name and address of the client etc.

- b) Agency shall be registered with Small Scale Industries/CPWD/ PWD/ MTNL/ BSNL/ MES/ Railway or other Central/State Govt., Semi Govt., Central Autonomous Bodies in ‘Electrical/Mechanical category’.
- c) Agency shall have valid electrical license or give an undertaking that for carrying out electrical works (re-installation, connection & testing of 1 Ø or 3 Ø electrical motors) they shall employ workman having valid electrical license issued from competent authority.
- d) The agency should have competent personnel stationed in the office/service center in Delhi/NCR. The service center in Delhi must also be stocking spares for providing prompt services during contract period or defect liability/guarantee period and after that if required by the Institute. A proof to the effect must be furnished.
- e) No subletting or subcontracting of the work will be permitted.
- f) The agency should have not been convicted of any criminal offences related to their professional conduct or the making of false statement or misrepresentation as to their qualifications to enter into a contract or have not been otherwise disqualified pursuant to administrative suspension or disbarment.
- g) The agency shall attached copy of ITCC of last 3 years or ITR of last 3 years (assessment year 2015-16, 2016-17, 2017-18)
- h) The bidder shall attach copy of GST registration number.
- i) The bidder shall attach copy of agency/company RTGS details.
- j) An affidavit in a e-stamp paper of ₹ 50/- to the effect that ‘ Specialized agency’ undertakes that:
- (i) There is no complaint against me/us (Tenderer/Bidder) from any of the Govt. Deptts. / Govt. Institutions etc. towards delaying of execution of work related to electro-mechanical works etc or ‘delay/non-attending of complaints during contract period during last three years.
- (ii) The documents submitted by the bidder are genuine and undisputable and in the event of it coming to notice at a later date that the documents are not genuine, Bidder shall be liable for action and such compensation payable to NII as may be decided by the Institute.
- (iii) The Tenderer/Bidder will not withdraw his/their Tender after opening of technical bid and if done so; his/their EMD may be forfeited.
- (iv) The Tenderer/Bidder will not sublet the work (if awarded to his/their Bidder) and if it does so; the penalty shall be payable by his/their Bidder to NII as may be decided by the Institute.

**Copy of all documents of pre-qualification criteria and as asked for in the tender may please be attached with the Technical Bid ONLY. In case of shortfall of any documents/cost of tender/EMD, tender will summarily be rejected and no queries will be entertained in this regard. Decision of the NII authority shall be final in this regard. ALL DOCUMENTS PERTAINING TO THE REQUIREMENT OF THE PREQUALIFICATION CRITERION WILL BE FURNISHED IN THE ‘TECHNICAL BID’S ENVELOPE ONLY**

**The offer shall remain open for at least 120 days from the date of opening of Price Bids. The cost of tender and Earnest Money shall be accepted only in the form of Demand Draft/Pay order drawn in favour of the ‘Director, NII’ & payable at New Delhi, failing which the bid will summarily be rejected.**

(कार्यपालक अभियंता)

## सामान्यनियमऔरशर्तें/GENERAL TERMS AND CONDITIONS

**कार्य का नाम: - Providing services for repair/re-winding of electrical motors, pumps, fans, at NII, New Delhi (Rate Contract).**

1. The work shall be done as per the instruction and prior approval of Engineer-in-charge of National Institute of Immunology (Hereinafter referred to NII).
2. The bidders may visit/examine the site and its surrounding from 14.06.18 to 02.07.18 on any working day between 2:00 PM to 04:00 PM by prior appointment with the Engg-in-charge to assess the accessibility and assess the scope of works before submitting their offer. No claims later on in regard to the site and its surrounding or any matter relating thereto shall be entertained. The bidders shall arrange & maintain at his (their) own cost all materials, Tools & Plants, security (for their man/materials), storage for material and facilities to the workmen for executing the work. **A certificate for the site inspection should be duly signed by Engg-in-charge as per annexure-II. Non-submission of certificate (duly signed by Engg-in-charge) by bidder; treated as a unresponsive bid and not considered for further evaluation).**
3. The cost of tender document is ₹ 500/- (Non-refundable). The above mentioned cost of the tender document will have to be paid through a separate **Demand-Draft drawn in favour of “Director, NII” payable at New Delhi** along with the Technical Bid, failing which the bid will summarily be rejected.

**In order to promote wider participation and ease of bidding, no cost of tender document may be charged for the tender documents downloaded by the bidders.**

4. An Earnest Money Deposit [EMD, (No exemption on EMD)] of ₹ 5,000/- (Rupees **Five Thousand Only**) has to be enclosed along with the Technical Bid (Part-I). The EMD shall be only in the form of **Demand Draft drawn in favour of “Director, NII”**, payable at New Delhi, along with the Technical Bid, failing which the bid will summarily be rejected. No Cheque / Cash shall be accepted as EMD. However, EMD exemption shall only be allowed (on submission of valid documents as per TN conditions) to the agency registered with the MSME/NSIC/GeM etc for providing services for similar works and also full filled pre-qualification criteria.
5. The rates mentioned in the financial bid shall be inclusive of all Cartage, Insurance, Loading-unloading, road permit/state entry permit and Delivery, Installation (as per requirement), Testing , Commissioning, etc at site including Overhead Charges, General Liabilities/ Obligations etc and any other dues as applicable. Any variation in the above said components till the completion of the work will also be in the bidder’s account. **However, GST shall be extra as applicable.**
6. The bidder shall attach copy of PAN Card.
7. The bidder shall attach copy of GST registration number.
8. The bidder shall attach copy of company RTGS details.
9. Duly sealed tenders shall be dropped in the tender box placed at the reception counter of the Main NII building. Technical Bid **MUST** contain one Xerox copy of the unfilled bid document duly signed and stamped on each page as a token of acceptance of all terms and conditions /clauses of the tender enquiry.
10. The conditional bids shall not be considered under any circumstances and rejected without any notice.

11. All bids shall be the property of NII, and contractors will lay no claim whatsoever on the same.
12. Director, NII reserves the right to reject any or all the tenders in full or in part without assigning any reasons whatsoever, and the decision of the NII in this regard will be binding on all the bidders. Bidders not complying with any of the provisions stated in this tender document are liable to be rejected. Director, NII reserves the right to accept or reject any tender without assigning any reason and does not bind himself to accept the lowest tender.
13. Payment terms as follows: -
  - a) No advance payment will be made.
  - b) The payment shall be made after successful completion of each job given time to time.
14. Income Tax and surcharge will be deducted as per Govt. of India rules.
15. No Tools & Plants shall be supplied by the NII.
16. The EMD of the successful bidder (L1) shall be refunded after three month of award and execution of work.
17. The works/Jobs shall be carried out as and when required for a contract period of one year which shall be reckoned from the date of issue of award letter.
18. The rewinding job/work carried out shall stand guaranteed for a period of six months from the date of its delivery at site. And other works shall be for a period of Three Months from the date of its delivery at site.
19. The quoted rates should be valid for a period of one year from the date of issue of award letter.
20. Any violation of instruction/agreement or suppression of facts will attract cancellation of agreement without any reference or any notice period and in such case the amount of earnest money/P.G will be forfeited.
21. In case the successful bidder resiles from the offer within the validity of tender, the earnest money will be forfeited. Similarly if successful contractor fails to commence the work within 20 day from the date of issue of award letter, the amount of earnest money will also be forfeited besides blacklisting the firm.
22. Time allowed for the each job shall be strictly followed otherwise the agency shall be liable to pay compensation at the rate of **Rs. 500/- per day** of delay on the part of the agency subject to a maximum of **Rs. 5,000/-** on each work/job. The decision of competent authority of NII or the Director on the delay shall be final and binding.

However, for any reason beyond the control of the agency the extension of time may be granted upon application by the agency in prescribed format. No claim for any compensation during the extended period shall be entertained and the NII's decision in this regard shall be final.
23. If bidder at any time makes default during currency of work or does not execute any part of the work with due diligence or Commits default in complying with any of the terms and conditions of the contract and does not initiate any remedy for it or takes effective steps for its remedy or Fails to complete the work(s) or items of work with individual dates of completion, on or before the date(s) so determined, and does not

complete them within the period specified in the notice given in writing in their behalf by the Engineer-in-charge.

The Engineer- in-charge without prejudice to any other right or remedy against the bidder which have either accrued or accrue thereafter to the Government, by a notice in writing to take the part work / part incomplete work of any item(s) out of his hands and shall have powers to take possession of the site and any materials, constructional plant, implements, stores, etc., thereon; and/or Carry out the part work / part incomplete work of any item(s) by any means at the risk and cost of the bidder.

24. Director, NII reserves the right to terminate the contract without any reference or any notice period on account of poor workmanship, non-compliance of set norms/specifications for the works, delay in progress of work, violation of any contract provisions by the bidder, failure to start the work at NII, within 20 days from date of issue of Letter of Intent (L.O.I). The contract can also be terminated at the request of contractor within 10 days from the date of issue of LOI order. In such cases the bidder is liable to pay Liquidated damages @ 5% of tendered value besides forfeiting performance guaranty /security deposit/EMD.
25. NII shall be fully empowered to expel any of the bidder's staff in case of any indiscipline/misconduct/violence.
26. The bidder should take extra precaution to ensure that there is absolutely no damage to the facility/laboratories/equipments of NII during execution of work.
27. Water & electricity required for the job shall be made available free of cost by the NII. However, necessary piping, valve, wiring, cabling, lamps, switches & sockets, main switches, halogen/tube light fitting and tapping from existing line/connection including labour have to be arranged by the bidder at their own risk & cost.
28. The bidder shall depute their own security staff for watch and ward of their materials supplied/ installed at site till the final handing over of the complete work and temporary lockable shed/Almirah etc. shall be arranged by bidder at his own risk and cost. No accommodation/ staff/ lockable space will be provided by NII under any circumstances.
29. No escalation in any form either of cost/materials/labours or any taxes shall be payable by the NII during the contract period.
30. The bidder shall be solely responsible for any accident/medical/health related liability/compensation for the personnel deployed by it at NII. The NII shall have no liability in this regard.
31. The personnel employed by the bidder will not claim any right to become the employees of NII and there will be no Employee and Employer relationship between the personnel engaged by the bidder and NII.
32. No tent or hut shall be allowed to be put up for workers to stay within the campus. The contractor is deemed to have inspected the site and thoroughly acquainted himself with the site conditions, availability of storage space for materials etc.
33. It may here be noted; that the entire staff and labour of the bidder will follow all the security instructions issued by the NII from time to time and these instructions may include the provisions to make suitable barricades or temporary wall fence to ensure that the labour confines itself to the area of the work ONLY. Serious action will be taken in case any of the bidder's workmen are found to be tampering with the Laboratory equipment and property of the NII. Suitable damages will be recovered

from the bidder's bills if anyone is found to do so. All decisions of the Engineer-In Charge in respect of the same will be final and binding on the bidder.

34. On completion of all work, bidder shall remove all surplus materials & leave the site in a broom clean condition, failing which the same shall be done at bidder's risk & cost.
35. Bidder shall be responsible for disposing off the all old dismantled waste materials away from the campus. The disposal of such materials shall be done immediately after completion of work at own risk & cost.
36. The rates quoted by bidders should be realistic and workable for each and every items. Quoting unrealistic/unreasonable lower or higher price will be treated as non-responsive bid and will not be considered for further evaluation. The decision of NII shall be final in this regards.
37. The bidder shall ensure compliance of all statutory laws & bye laws of the central Govt./ state Govt./Municipal authorities related to the employment of their staff and all obligations under Minimum Wage Act, Workman Compensation Act, Provident Fund & Miscellaneous Provision Act, Bonus Act & Contract Labour Act 1970 etc. NII will not be responsible for such purposes in anyway.
38. Any claim, dispute or difference arising out of or in connection with this agreement and which cannot be settled by mutual consultations, shall be referred to sole Arbitration or an Arbitrator to be appointed by Director, NII. The award of the Arbitrator shall be final and binding between the parties as per the terms and conditions of the Agreement to be executed on award of contract. The Arbitrator proceeding shall be governed by the Arbitration and Conciliation Act 1996 and shall be conducted in Delhi

The agreement is subject to the jurisdiction of the courts at Delhi.

(कार्यपालक अभियंता)



# **निविदा जमा करने के लिए सामान्य शर्तें/GENERAL CONDITIONS FOR SUBMISSION OF TENDER**

## **1.0 Submission of Tender:**

Tenders should be submitted in sealed envelopes in two parts separately, i.e. "**Technical Bid**" (Part-I) and "**Price bid**" (Part-II). Both the parts should be further sealed in an envelope super-scribing name of work, due date for opening, Bidder's name & address. The tender duly filled in should be sent to above mentioned address either by post or hand delivered in the tender box kept in the area of reception, NII. NII will not be responsible for tenders lost in postal transit or otherwise. It should not be handed over to any employee of the NII. Any clarifications / amendments / corrigendum etc., to LTN before last date of submission of bid will be available on our website [www.nii.res.in](http://www.nii.res.in) and [website of CPPP](#). Bidder's are therefore advised to keep visiting our website. No tender shall be accepted later than the time schedule specified above. Tender once submitted will remain with the NII and will not be returned to any of the Bidder's.

## **2.0 Technical Bid (Part-I) :**

In this bid, the Bidder should submit his bidder profile, organizational setup, credentials, list of plant, machinery & tools in his possession. The Bidder's are required **to attach entire LTN (except the price bid part) duly signed & stamped as a token of acceptance of LTN conditions with this bid**. NII reserves the right to visit the working site mentioned by Bidder's to find out the quality of services rendered. The following documents are essentially to be submitted with technical bid for qualifying.

- (i) Earnest Money Deposit of ₹ 5,000/- (**Rupees Five Thousand Only**).
- (ii) Entire LTN (**except Price bid**) duly signed & stamped by the Bidder.
- (iii) All document as asked in the prequalification criteria.
- (iv) The bidder shall attach copy of PAN Card.
- (v) The bidder shall attach copy of GST registration number.
- (vi) The bidder shall attach copy of agency/company RTGS details.
- (vii) **Cost of tender document i.e. ₹ 5,00/- (Rupees Five Hundred Only)** (Non-refundable. However, In order to promote wider participation and ease of bidding, no cost of tender document may be charged for the tender documents downloaded by the bidders).

## **3.0 Price Bid (Part-II):**

In this bid, the bidder is required to quote his items rates/prices for the "**repair/re-winding of electrical motors, pumps, fans etc**" in the schedule of work attached. The scope of work & technical specifications are provided for your reference. The quoted prices/rates shall be per clause no.5 of General terms and conditions. **It is mandatory on Bidder to quote the rate of all items as asked for in the Price Bid (BOQ/Schedule of work)**. Failure to adhere to this condition may lead to rejection of tender. The Tenderer/Bidder should quote unconditional rates, neatly written without any overwriting and duly signed & stamped in all pages.

## **4.0 Earnest Money :**

An earnest money of ₹ 5,000/- (**Rupees Five Thousand Only**) has to be enclosed along with the **Technical Bid (Part-I)**. The EMD shall be only in the form of Bank Draft in favour of "**Director, NII**", payable at New Delhi. No Cheque / Cash shall be accepted

as EMD. EMD of the unsuccessful bidders shall be returned to them at the earliest after expiry of the final bid validity and latest on or before the 30th day after the award of the contract. The EMD of the successful agency (**L1**) shall be refunded after three months of award and execution of work.

**5.0 Validity of Tender:**

**Tender shall be valid for our acceptance without any change in rates and LTN conditions for a period of 120 days from the date of opening of Price Bid.**

(कार्यपालक अभियंता)

**Declaration by the Agencies**

This is to certify that I/We before signing this tender have read and fully understood all the terms and conditions contained herein and undertake myself/ourselves to abide by them.

Encls:

1. DD/Pay Order No.....
2. Terms & conditions (**each page must be signed and stamped with the seal**)
3. Financial Bid.

(Signature of Agencies with seal)

Name:

Address:

Date:

**NOTE: Submission of all the documents mentioned above along with declaration, is mandatory. Non submission of any of the documents above will render the bid to be rejected.**

**Certificate/Undertaking**

- a) Certified that I / we have visited the site on ----- and assessed the nature and amount of work involved before submitting our offer. We will be able to complete the work within stipulated time and execute the works to suit the site condition.
- b) I undertake that I/we have visited the place for **“Providing services for repair/re-winding of electrical motors, pumps, fans at NII, New Delhi (Rate Contract)”** and noted the entry work/ door / approach sizes/quantities, space, etc. No extra cost will be claimed by us later on for any difficulties/modifications involved for repair/re-winding of electrical motors, pumps, fans etc. as mentioned in the tender. We also understand that the work is related with already operational/functional Institute’s, so we are ready to work in day / night hour subject to availability of site/space.

**(Signature of agency):**

**(NAME):**

**(SEAL):**

**Note: Above certificate/ undertaking is to be given on the Letter head of agency.**

## मूल्य बोली /Price Bid (Part-II)

**कार्य का नाम /Name of work - Providing services for repair/re-winding of electrical motors, pumps, fans, at NII, New Delhi (Rate Contract).**

S.No	Item	Qty	Unit	Rate in Figure	Rate in word
1	Complete rewinding, varnishing, baking, replacement of lead, capacitor, fitting, testing etc of single phase 230/250 volts, 50 Hz, A.C ceiling fan with following sweep in mm:				
	a) 225 mm	1	job		
	b) 300 mm	1	job		
	c) 375 mm	1	job		
	d) 450 mm	1	job		
	e) 900 mm	1	job		
	f)1050 mm	1	job		
	g) 1200 mm	1	job		
	h)1400 mm	1	job		
2	Replacement of sleeve bearing/ball bearing (one job = one bearing ) of single phase 230/250 volts, 50 Hz, A.C. ceiling fans/exhaust fan/wall fan/pedestal fan etc with following sweep in mm:				
	a) 225 mm	1	job		
	b) 300 mm	1	job		
	c) 375 mm	1	job		
	d) 450 mm	1	job		
	e) 600 mm	1	job		
	f) 900 mm	1	job		
	g) 1050 mm	1	job		
	h) 1200 mm	1	job		
	i) 1400 mm	1	job		
3	Complete rewinding, replacement of capacitor, varnishing, baking, replacement of leads, fittings, testing etc of single speed/three speed 230/250 volts 50 Hz A.C single phase motors of 1/5,1/6,1/8,1/10 and 1/12 H.P. for fan coil unit/split type air conditioners	1	job		
4	Replacement of sleeves, bearing shafts of 230/250 volts Hz A.C single phase motors of 1/5, 1/6,1/8,1/10 and 1/12 H.P. for fan coil unit/window/split type conditioners	1	job		
5	Rewinding, varnishing, baking, fitting, testing of three phase 50 Hz,415 volts A.C. motors (including dismantling & re-fixing of motor as required) of the following capacity.				
	a) 0.50 H P	1	job		
	b)1.00 H P	1	job		
	c) 1.50 H P	1	job		
	d) 2.00 H P	1	job		
	e) 3.00 H P	1	job		
	f) 5.00 H.P	1	job		
	g) 7.50 H P	1	job		
	h) 10.00 H P	1	job		
	i) 12.50 H P	1	job		
	j) 15.00 H P	1	job		
	k) 20.00 H P	1	job		
	l) 25.00 H P	1	job		
	m)30.00 H P	1	job		
	n) 35.00 H P	1	job		
	o) 40.00 H P	1	job		
	p) 50.00 HP	1	job		
	q) 75.00 HP	1	job		

6	Replacement of ball bearing (one job = one bearing ) make “SKF NBC/TATA” in motors pumps (including dismantling & fixing of motors pumps) of the following capacity:				
	a) 0.5 H P	1	job		
	b) 1.0H P	1	job		
	c) 1.50 H P	1	job		
	d) 2.00 H P	1	job		
	e) 3.00 H P	1	job		
	f) 5.00 H P	1	job		
	g) 7.50 H P	1	job		
	h) 10.00 H P	1	job		
	i) 12.5 H P	1	job		
	j) 15.00 H P	1	job		
	k) 20.00 H P	1	job		
	l) 25.00 H P	1	job		
	m) 30.00 H P	1	job		
	n) 35.00 H P	1	job		
	o) 40.00 H P	1	job		
	p) 50.00 HP	1	job		
	q) 75.00 HP	1	job		
7	Rewinding, varnishing, baking, fitting, testing and commissioning of following 3 phase 50 Hz, 415 volts ”KSB” make sewage/ submersible pump as required.				
	a) 1.0 H P	1	job		
	b) 1.5 H P	1	job		
	c) 2.0 H P	1	job		
	d) 3.0 H P	1	job		
	e) 5.0 H P	1	job		
	f) 7.5 HP	1	job		
8	Repair/servicing of the following sewage/submersible pump including replacement of the worn-out parts, making cable connection with leak roof sealing compound. testing and commissioning complete. (Ball bearing 1 set, mechanical sealing compound 1 set, set of fasteners 1 set, lub oil, oil seal 1 No, set of ‘O’ ring and gasket 1 set, turning, polishing, grinding of shaft and repairing of impeller 1 job etc as required)				
	a) 1.0 H P	1	job		
	b) 1.5 H P	1	job		
	c) 2.0 H P	1	job		
	d) 3.0 H P	1	job		
	e) 5.0 H P	1	job		
	f) 7.5 HP	1	job		
9	Replacement of bronze impeller make “BECON/JYOTI/KIRLOSKAR/CROMPTON” of following mono block pump/centrifugal pump complete as required.( including dismantling & re-fixing pump)				
	a) 1.0 H P	1	job		
	b) 1.5 H P	1	job		
	c) 2.0 H P	1	job		
	d) 3.0 H P	1	job		
	e) 5.0 H P	1	job		
	f) 7.5 H P	1	job		
	g) 10.0 H P	1	job		
	h) 12.5 H P	1	job		
	i) 15.0 HP	1	job		
	j) 20.0 HP	1	job		
	k) 25.0 H P	1	job		
	l) 30.0 HP	1	job		

	m) 35.0 H P	1	job		
	n) 40.0 H P	1	job		
	p) 50.0 HP	1	job		
	q) 75.0 HP	1	job		
10	Replacement of C.I. Impeller of following make of pumps BECON/JYOTI/KIROLSKAR/CROMPTON” of following capacity mono-block pump/centrifugal pump complete as required.(Including dismantling & re-fixing of pumps)				
	a) 1.0 H P	1	job		
	b) 1.5 H P	1	job		
	c) 2.0 H P	1	job		
	d) 3.0 H P	1	job		
	e) 5.0 H P	1	job		
	f) 7.5 H P	1	job		
	g) 10.0 H P	1	job		
	h) 12.5 H P	1	job		
	i) 15.0 H P	1	job		
	j) 20.0 H P	1	job		
	k) 25.0 H P	1	job		
	l) 30.0 H P	1	job		
	m) 35.0 H P	1	job		
	n) 40.0 H P	1	job		
	p) 50.0 HP	1	job		
	q) 75.0 HP	1	job		
11	Repair, rewinding, painting of outer side, baking, fitting , testing of 3 & 50 Hz 415, volt cooling tower fan motor of the following capacity.				
	a) 3.0 H P	1	job		
	b) 5.0 H P	1	job		
	c) 7.5 H P	1	job		
	d) 10.0 H P	1	job		
	e) 12.5 H P	1	job		
	f) 15.0 H P	1	job		
12	Replacement of ball bearing (one job=one bearing) makes “SKF/TATA” in cooling tower motor of the following capacity				
	a) 3.0 H P	1	job		
	b) 5.0 H P	1	job		
	c) 7.5 H P	1	job		
	d) 10.0 H P	1	job		
	e) 12.5 H P	1	job		
	f) 15.0 H P	1	job		
13	Complete rewinding, replacement of capacitor, varnishing, baking replacement of leads, fitting, testing etc of single phase 230/250 volts 50 HZ AC exhaust fan/wall fan/pedestal fan with following sweep in mm:				
	a) 225 mm	1	job		
	b) 300 mm	1	job		
	c) 375-400 mm	1	job		
	d) 450 mm	1	job		
	e) 600 mm	1	job		
	f) 900 mm	1	job		
14	Providing and fixing of mechanical shaft seal, greasing, with labour charges complete as required for complete the every job of following motor, motor pump including dismantling & re-fixing of motor pump.				
	a) ½ HP	1	job		
	b) 1.0 H P	1	job		
	c) 1.5 H P	1	job		
	d) 2.0 H P	1	job		

	e) 3.0 H P	1	job		
	f) 5.0 H P	1	job		
	g) 7.5 H P	1	job		
	h) 10.0 H P	1	job		
	i) 12.5 H P	1	job		
	j) 15.0 H P	1	job		
	k) 20.0 H P	1	job		
	l) 25.0 H P	1	job		
	m) 30.0 H P	1	job		
	n) 35.0 H P	1	job		
	o) 40.0 H P	1	job		
	p) 50.0 HP	1	job		
	q) 75.0 HP	1	job		
15	Servicing of multistage pump/mono block pump/centrifugal pump/motor pumps/fire pump etc including replacement of gland, seal, greasing, gland plat, nut-bolts, lath work with labour charges complete as required for complete the every job of following motor pump including dismantling & re-fixing of motor pump.				
	a) ½ HP	1	job		
	b) 1 H P	1	job		
	c) 1.5 H P	1	job		
	d) 2.0 H P	1	job		
	e) 3.0 H P	1	job		
	f) 5.0 H P	1	job		
	g) 7.5 H P	1	job		
	h) 10.0 H P	1	job		
	i) 12.5 H P	1	job		
	j) 15.0 H P	1	job		
	k) 20.0 H P	1	job		
	l) 25.0 H P	1	job		
	m) 30.0 H P	1	job		
	n) 35.0 H P	1	job		
	o) 40.0 H P	1	job		
	p) 50.0 HP	1	job		
	q) 75.0 HP	1	job		
16	Repair/Replacement of Impeller of multistage pump (Including dismantling & re-fixing of pumps) of following capacity.				
a)	5.0 HP	1	No		
b)	10.0 HP	1	No		
17	Replacement of Impeller of the following sewage/submersible (removing of sewage and bore well pump/motor is not in scope of agency) pump including replacement of nut-bolt, gas-kit etc complete in all respect.				
	a) 1.0 H P	1	No		
	b) 1.5 H P	1	No		
	c) 2.0 H P	1	No		
	d) 3.0 H P	1	No		
	e) 5.0 H P	1	No		
	f) 7.5 HP	1	No		
18	Lathe work for repairing of motor shaft, impeller, motor/pump housing etc as per site requirement for following capacity motor/pump.				
	a) ½ HP	1	job		
	b) 1.0 H P	1	job		
	c) 1.5 H P	1	job		
	d) 2.0 H P	1	job		
	e) 3.0 H P	1	job		
	f) 5.0 H P	1	job		



	g) 7.5 H P	1	job		
	h) 10.0 H P	1	job		
	i) 12.5 H P	1	job		
	j) 15.0 H P	1	job		
	k) 20.0 H P	1	job		
	l) 25.0 H P	1	job		
	m) 30.0 H P	1	job		
	n) 35.0 H P	1	job		
	o) 40.0 H P	1	job		
	p) 50.0 HP	1	job		
	q) 75.0 HP	1	job		
19	Rewinding, replacement of both bearing, lathe work, servicing, mechanical shaft seal etc varnishing, baking, fitting, testing of three phase 50 Hz,415 volts A.C. motors (including dismantling & re-fixing of motor as required) of the following capacity.				
	a) 1.0 HP	1	job		
	b) 1.5 HP	1	job		
	c) 2.0 HP	1	job		
	d) 3.0 HP	1	job		
	e) 5.0 HP	1	job		
	f) 7.5 HP	1	job		
	g) 10.0 HP	1	job		
	h) 12.5 HP	1	job		
	i) 15.0 HP	1	job		
	j) 20.0 HP	1	job		
	k) 25.0 HP	1	job		
	l) 30.0 HP	1	job		
	m) 35.0 HP	1	job		
	n) 40.0 HP	1	job		
	p) 50.0 HP	1	job		
	q) 75.0 HP	1	job		

***(Rates quoted shall be inclusive of all duties, cartage etc. as mentioned under Item - 5 of General T. & C. of tender document). However, GST shall be extra as applicable.***

**(Signature of agency with seal)**

**(कार्यपालक अभियंता)**