

# NOTICE INVITING TENDER

**No. TC/DG/BHU/01/2018-19**

**Name of Work:** Annual maintenance contract of 2x1250 KVA D.G. Set & AMF panels Trauma Centre, IMS, BHU, Varanasi

1. Estimated cost: Rs. 3,34,650/-
2. Earnest Money: Rs. 6,693/-
3. Security Deposit 2.5% of the Tendered Value
4. Performance Guarantee: 5% of the Tendered Value
5. Time Allowed: 12 Months

Certified that this NIT contains 24 pages marked as 1 to 24

**Professor In charge**  
Trauma Centre, IMS,  
BHU, Varanasi.

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**Name of Work:** - Annual maintenance contract of 2x1250 KVA D.G. Set & AMF panels Trauma Centre, IMS, BHU, Varanasi

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**Professor In charge**  
Trauma Centre, IMS,  
BHU, Varanasi.

**INFORMATION AND INSTRUCTIONS FOR CONTRACTORS FOR e-  
TENDERING FORMING PART OF NIT AND TO BE POSTED ON WEBSITE  
(Applicable for inviting tenders on one bid system)**

The **Professor In charge, Trauma Centre**, IMS, BHU invites the online percentage rate/Item rate Bids from approved and eligible contractors of UWD/EWSS and those of appropriate list of C.P.W.D., M.E.S., Railways, Telecom (BSNL) and other central govt. agencies for the following work: -

S.NO.	NIT No.	Name of work and location	Estimated cost put to tender	Earnest Money	Period of Completion	Last date & time of Submission of bids	Time & date of opening of bid.
1	2	3	4	5	6	7	8
	TC/DG/01/2018-2019	Annual maintenance contract of 2x1250 KVA D.G. Set & AMF panels Trauma Centre, IMS, BHU, Varanasi	Rs <b>3,34,650.00</b>	Rs. <b>6,693.00</b>	<b>12 Months</b>	Up to 15:00 Hours on 06.08.2018	Up to 15:00 Hours on 07.08.2018

1. The tender document consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents can be seen from website [www.eprocure.gov.in](http://www.eprocure.gov.in) or [www.bhu.ac.in](http://www.bhu.ac.in) free of cost.
2. Agreement shall be drawn with the successful bidder on prescribed Format.
3. The time allowed for carrying out the work will be 12 months from the date of start as defined in schedule 'F' or from the first date of handing over of the site, whichever is later, in accordance with the phasing, if any, indicated in the tender documents.
4. The site for the work is available for start of the work.
5. After submission of the tender the bidder can re-submit revised tender any number of times but before deadline time and date of submission of tender as notified.

6. While submitting the revised bid, bidder can revise the rate, but before last time and date of submission of tender as notified.
7. a) Earnest Money of **Rs. 6,693.00/-** can be paid in the form of Banker's cheque/ Demand Draft / Fixed Deposit Receipt (**drawn in favor of Registrar, Banaras Hindu University, Varanasi, payable at Varanasi**) of any Scheduled Bank ,the same shall be scanned and uploaded to the e-tendering website within the period of tender submission.

**b) e-Tender processing fees – 500/-** can be paid in the form of Banker's cheque/Demand Draft **drawn in favor Registrar, Banaras Hindu University, Varanasi, payable at Varanasi.**

Tender fees & Eligibility criteria document like work experience, financial turn over certificate, Solvency certificate and any other documents mentioned in relevant clauses, shall be placed in single sealed envelope superscripted as (Cover1- "Eligibility criteria document") with name of work and due date of opening of the tender mentioned thereon.

e-Tender processing fees & and EMD document shall be scanned and uploaded to the e-tendering website within the period of tender submission and certified copy in original shall be placed in single sealed envelope superscripted as (Cover2- "Tender fees & EMD") with name of work and due date of opening of the tender mentioned thereon.").

Conditions of contract/Technical bid and Eligibility criteria document like copy of Completion/performance certificate of work experience issued by competent authority like government/semi government/PSU otherwise for private projects bidder's have to submit TDS certificate's with respect to the projects they have claimed, Audited Balance Sheet for the last three financial years duly certified by the C.A, Bank Solvency Certificate an equivalent to 40% of the total estimated cost of the Project as mentioned above, Affidavit and other documents mentioned in the PQ Document shall be scanned and uploaded to the e-tendering website within the period of tender submission and certified copy of each shall be placed in single sealed envelope superscripted as (Cover 1- "Eligibility criteria document") with name of work and due date of opening of the tender mentioned thereon.

**Both the envelopes shall be placed in another envelope with due mention of Name of work, date & time of opening of tenders and to be submitted in the office of Professor In-Charge, Trauma Centre, IMS, BHU, Varanasi on or before 03:00 PM 06/08/2018. The documents submitted shall be opened at 03:00 PM on 07/08/2018**

**Online Bid Documents submitted by intending bidders shall be opened only of those bidders, whose Earnest Money deposit, tender processing fees and other documents placed in the envelope are found in order.**

8. The bid submitted shall become invalid and cost of bid & e-Tender processing fee shall not be refunded if:
  - (i) The bidder is found ineligible.
  - (ii) The bidder does not upload all the documents (including G.S.T. registration/

VAT registration/ Sales Tax registration) as stipulated in the bid document.

(iii) If any discrepancy is noticed between the documents as uploaded at the time of submission of bid and hard copies as submitted physically in the office of tender opening authority.

9. Criteria of eligibility for submission of bid documents:

- a. Should have satisfactorily completed Three similar works each of value not less than 1.34 Lacs or Two similar works each of value not less than 2.01 Lacs or One similar work of value not less than 2.68 Lacs during last seven years ending 31<sup>st</sup> March 2018.

**Explanation:-**

The value of executed works shall be brought to current costing level by enhancing the actual value of work at simple rate of 7% per annum; calculated from the date of completion to last date of receipt of applications for tenders.

Similar work means “**Annual maintenance contract of 2x1250 KVA D.G. Set & AMF panel**”

- b. Should have had average annual financial turnover of 1.01 Lacs of the estimated cost on Construction works during the last three preceding financial years ending 31<sup>st</sup> March, 2018, duly audited by a Chartered Accountant (**Scanned copy of certificate from CA to be uploaded**). The year in which no turnover is shown would also be considered for working out the average.
- c. Should not have incurred any loss in more than three years during the last five years ending 31<sup>st</sup> March, 2018.
- d. Should have a solvency certificate of 1.34 Lacs in respect to the estimated cost issued by Bank during the last six months.
- e. Should have a Undertaking certificate of “ The maintenance / Comprehensive maintenance of DG Sets shall be carried out through OEM i.e. Sterling

**(Scanned copy of original solvency certificate to be uploaded).**

***List of Documents to be scanned and uploaded within the time of submission of tender on Website:***

- I. All supporting documents substantiating claim for qualification to participate in the bidding.
- II. Copies of original documents defining the constitution or legal status, written power of attorney of the signatory.
- III. Registration with Govt. /Semi Government Organizations, if any.
- IV. Qualifications and experience of key site management, technical personnel proposed for the Contract.
- V. Audited Balance sheet for the last three preceding years ending 31<sup>st</sup> march 2018.
- VI. Solvency certificate from the bankers. Copy of PAN, Registration Certificate of VAT etc.
- VII. Copy of G.S.T. (Goods & Services Tax) registration certificate.
- VIII. Valid Electrical License of the contractor.
- IX. Details of Electrical work completed during last five years.
- X. Information regarding any litigation or arbitration resulting from contracts executed by the Bidder in the last five years.
- XI. Undertaking of “ The maintenance / Comprehensive maintenance of DG Sets shall be carried out through OEM i.e. Sterling
- XII. *Any other Document as specified in the press notice*

**Professor In charge  
Trauma Centre, IMS, BHU,  
Varanasi.**

**Banaras Hindu University  
Institute of Medical Sciences  
Trauma Centre & Super Specialty Hospital**

The Professor In charge, Trauma Centre, IMS, BHU invites the online percentage rate/Item rate Bids from approved and eligible contractors of UWD,EWSS and those of appropriate list of C.P.W.D., M.E.S., Railways, Telecom (BSNL) and other central govt. agencies for the following works:

**Annual maintenance contract of 2x1250 KVA D.G. Set & AMF panels  
Trauma Centre, IMS, BHU, Varanasi**

- 1 The work is estimated to cost **3,34,650.00** This estimate, however, is given merely as a rough guide.
- 2 The authority competent to approve NIT for the combined cost and belonging to the major discipline will consolidate NITs for calling the tenders.
- 3 Agreement shall be drawn with the successful tender on prescribed Form No. 8 (or other Standard Form as mentioned) which is available as a Govt. of India Publication. Tender shall quote his rates as per various terms and conditions of the said form which will form part of the agreement.
- 4 The time allowed for carrying out the work will be **12 Months** from the date of start as defined in schedule 'F' or from the first date of handing over of the site, whichever is later, in accordance with the phasing, if any, indicated in the tender documents.
- 5 The site can be made available in parts as per progress of civil work.
- 6 The tender document consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents can be seen from website [www.eprocure.gov.in](http://www.eprocure.gov.in) or [www.bhu.ac.in](http://www.bhu.ac.in) free of cost.
- 7 After submission of the bid the contractor can re-submit revised bid any number of times but before last time and date of submission of tender as notified.
- 8 While submitting the revised bid, contractor can revise the rate of one or more item(s) any number of time but before last time and date of submission of tender as notified.
- 9 When tenders are invited in two/ three stage system and if it is desired to submit revised financial bid then it shall be mandatory to submit revised financial bid. If not submitted then the tender submitted earlier shall become invalid. The bid submitted shall be opened at 03:00 PM **on 07.08.2018**

- 10 The bidder whose bid is accepted will be required to furnish performance bank guarantee of 5% (Five Percent) of the tendered amount within the 15 days of issue of letter of acceptance. This guarantee shall be in the form of Demand Draft of any scheduled bank or Fixed Deposit Receipts or Guarantee Bonds of any Scheduled Bank or the State Bank of India in accordance with the prescribed form. In case the bidder fails to deposit the said performance guarantee within the period as indicated, the Earnest Money deposited by the bidder shall be forfeited automatically without any notice to the bidder.
- 11 Intending bidders are advised to inspect and examine the site and its surroundings at his own cost and satisfy themselves before submitting their tenders as to the nature of the ground and sub-soil (so far as is practicable), the form and nature of the site, the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their tender. A bidder shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charge consequent upon any misunderstanding or otherwise shall be allowed. The bidder shall be responsible for arranging and maintaining at his own cost all materials, tools & plants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a tender by a bidder implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and of conditions and rates at which stores, tools and plant, etc. will be issued to him by the university and local conditions and other factors having a bearing on the execution of the work. Cost of site visit shall be borne by the bidder.
- 12 The competent authority on behalf of the University does not bind itself to accept the lowest or any other tender and reserves to itself the authority to reject any or all the tenders received without assigning any reason. All tenders in which any of the prescribed condition is not fulfilled or any condition including that of conditional rebate is put forth by the bidder shall be summarily rejected.
- 13 Canvassing whether directly or indirectly, in connection with bidders is strictly prohibited and the tenders submitted by the bidders who resort to canvassing will be liable to rejection.
- 14 The competent authority on behalf of University reserves to himself the right of accepting the whole or any part of the bid and the bidders shall be bound to perform the same at the rate quoted.
- 15 The bidder shall not be permitted to tender for works in the University, if his near relative is posted as an officer in any capacity between the grades of Professor In-Charge, Superintending Engineer, Executive Engineer, Assistant Engineer and Junior Engineer (All inclusive).. Any breach of this condition by the bidder would render him liable to be removed from the tendering process.
- 16 The tender for the works shall remain open for acceptance for a period of **One Eighty Days (180 days)** from the date of opening of financial bid. If any tenderer withdraws his tender before the said period or issue of letter of acceptance,



whichever is earlier, or makes any modifications in the terms and conditions of the tender which are not acceptable to the Trauma Centre, IMS, then the University shall, without prejudice to any other right or remedy, be at liberty to forfeit 50% of the said earnest money as aforesaid. Further the tenderer shall not be allowed to participate in the retendering process of the work.

17. The notice inviting bid shall form part of the contract document. The successful bidder, on acceptance of his bid by the Accepting Authority, have to sign the contract consisting of "The Notice Inviting bid, all the documents including Special Conditions, General Specifications/ Particular Specifications and drawings, if any, forming part of the bid as uploaded at the time of invitation of bid and the rates quoted online at the time of submission of bid and acceptance thereof together with any correspondence leading thereto. Within 15 days from the stipulated date of start of the work.
- a) The Notice Inviting Tender, all the documents including additional conditions, specifications and drawings, if any, forming part of the tender as uploaded at the time of invitation of tender and the rates quoted online at the time of submission of bid and acceptance thereof together with any correspondence leading thereto.
  - b) Standard Form 8 or other Standard C.P.W.D. Form as mentioned
19. In case any discrepancy is noticed between the documents as uploaded at the time of submission of the bid online and hard copies as submitted physically in the office of Professor In-Charge, Trauma Centre, IMS, BHU, then the bid submitted shall become invalid and the University shall, without prejudice to any other right or remedy, be at liberty to forfeit 50% of the said earnest money as aforesaid. Further the tenderer shall not be allowed to participate in the retendering process of the work.

**Professor In charge  
Trauma Centre, IMS,  
BHU, Varanasi.**

**Banaras Hindu University  
Institute of Medical Sciences  
Trauma Centre & Super Specialty Hospital**

(A) Tender for the work of: **Annual maintenance contract of 2x1250 KVA D.G. Set & AMF panels Trauma Centre, IMS, BHU, Varanasi**

(i) To be submitted by **3:00 P.M.** hours on **06.08.2018**  
to the: **Professor In charge, Trauma Centre, IMS, BHU Varanasi**

(ii) To be opened in presence of tenderers who may be present at **3:00 P.M** hours-on  
**07.08.2018** in the office of the: **Director, IMS, BHU Varanasi Issued to  
(Contractor)**

**Signature of officer issuing the documents:**

**Designation: Professor In charge, Trauma Centre, IMS,**

**Date of issue:**

**TENDER**

I/We have read and examined the Notice Inviting tender, schedule, A,B,C,D,E & F. Specifications applicable, Drawings & Designs, General Rules and Directions, Conditions of Contract, clauses of contract, Special conditions, Schedule of Rate & other documents and rules referred to in the conditions of contract and all other contents in the tender document for the work.

*I/We hereby tender for the execution of the work specified for the President of India within the time specified in Schedule 'F', viz., schedule of quantities and in accordance in all respects with the specifications, designs, drawings and instructions in writing referred to in Rule-1 of General Rules and Directions and in Clause 11 of the Conditions of contract and with such materials as are provided for, by, and in respects in accordance with, such conditions so far as applicable.*

**We agree to keep the tender open for One Eighty Days (180) days from the date of opening of tender and not to make any modifications in its terms and conditions.**

Earnest Money of **Rs. 6693.00/-** can be paid in the form of Banker's cheque/ Demand Draft / Fixed Deposit Receipt (**drawn in favor of Registrar, Banaras Hindu University, Varanasi, payable at Varanasi**) of any Scheduled Bank as earnest money. If I/we, fail to furnish the prescribed performance guarantee or fail to commence the work within prescribed period I/we agree that the said President of India or his successors in office shall without prejudice to any other right or remedy be at liberty to forfeit the said earnest money absolutely. Further, if I/we fail of commence work as specified, I/we agree that University or his successors in office shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the said

earnest money and the performance guarantee absolutely, otherwise the said earnest money shall be retained by him towards security deposit to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to therein and to carry out such deviations as may be ordered, up to maximum of the percentage mentioned in Schedule 'F' and those in excess of that limit at the rates to be determined in accordance with the provision contained in Clause 12.2 and 12.3 of the tender form.

Further, I/We agree that in case of forfeiture of earnest money or both Earnest Money & Performance guarantee as aforesaid, I/We shall be debarred for participation in the re-tendering process of the work.

I/We undertake and confirm that eligible similar work(s) has/ have not been got executed through another contractor on back to back basis. Further that, if such a violation comes to the notice of Department, then I/we shall be debarred for tendering in Banaras Hindu University in future forever. Also, if such a violation comes to the notice of Department before date of start of work, the Engineer-in-Charge shall be free to forfeit the entire amount of Earnest Money Deposit/Performance Guarantee.

I/We hereby declare that I/we shall treat the tender documents drawings and other records connected with the work as secret/confidential documents and shall not communicate information derived therefrom to any person other than a person to whom I/we am/are authorized to communicate the same or use the information in any manner prejudicial to the safety of the State.

Signature of contractor  
Postal Address

The above tender (as modified by you as provided in the letters mentioned hereunder) is accepted by me for and on behalf of the President of India for a sum of

Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_)

*The letters referred to below shall form part of this contract Agreement:-*

- a) \_\_\_\_\_
- b) \_\_\_\_\_
- c) \_\_\_\_\_

*For & on behalf of the University*

*Dated* \_\_\_\_\_

*Signature* \_\_\_\_\_  
*Designation* \_\_\_\_\_

**Operative schedules shall be supplied separately to each intending tenderer)**

**SCHEDULE 'A'**

*Schedule of Quantities (as per PWD-3)      As per sheets attached*

**SCHEDULE 'B'**

*Schedule of materials to be issued to the contractor:*

<i>S. No.</i>	<i>Description of item</i>	<i>Quantity</i>	<i>Rates in figures &amp; words at which the material will be charged to the contractor</i>	<i>Place of issue</i>
1	2	3	4	5
-----NIL -----				

**SCHEDULE 'C'**

*Schedule of Tools and Plants to be hired to the contractor*

<i>S. No.</i>	<i>Description</i>	<i>Hire charges per day</i>	<i>Place of issue</i>
1	2	3	4
-----NIL -----			

**SCHEDULE 'D'**

*Extra schedule for specific requirements/document for the work, if any:*

Addl. Specifications attached.

## SCHEDULE 'E'

Reference to General Conditions of contract.

<b>Name of Work:</b>	<b>Annual maintenance contract of 2x1250 KVA D.G. Set &amp; AMF panels Trauma Centre, IMS, BHU, Varanasi</b>	
<b>Estimated cost of the work:</b>		Rs. <b>3,34,650.00</b>
<b>Earnest money</b>	<b>6,693.00</b>	
<b>Performance Guarantee</b>	5% of the tendered value of the work	
<b>Security Deposit</b>	2.5 % of the tendered value of the work	

## SCHEDULE 'F'

### General rules and direction

<i>Officer inviting tender</i>	<b>Professor In-charge, Trauma Center, IMS , BHU, Varanasi</b>
<i>Maximum percentage of quantity of items of work to be executed beyond which rates are to be determined in accordance with Clause 12.2.&amp; 12.3</i>	<i>See at appropriate clause under definitions</i>

### Definitions:

2(v) <b>Engineer-in-Charge</b>	<b>Executive Engineer(E)</b> EWWS, BHU, Varanasi
2(vii) <i>Accepting Authority</i>	<b>Professor In-charge, Trauma Center, IMS , BHU, Varanasi</b>
2(x) <i>Percentage on cost of materials and labour to cover all overheads and profits</i>	15%
2(xi) <b>Standard Schedule of Rates:</b>	<b>Market Rates</b>
2(xii) <i>Department:</i>	<b>Trauma Centre, IMS ,BHU</b>
9(ii) <i>Standard BHU contract Form:</i>	CPWD GCC 2014, <b>CPWD form 8 as modified &amp; corrected up to date</b> (Whether correction vide latest circulars are incorporated or not in this document).

### Clause 1

- i) *Time allowed for submission of Performance Guarantee from the date of issue of letter of acceptance* 15 Days
- ii) *Maximum allowable extension with late fee @ 0.1% per day of Performance Guarantee amount beyond the period as provided in (i) above* 7 Days

<b>Clause 2</b>	Authority for fixing Compensation under Clause 2	<b>Professor In-charge, Trauma Center, IMS , BHU, Varanasi Or successor thereof</b>
<b>Clause 2 A</b>	Whether Clause 2A shall be applicable	<b>No</b>
<b>Clause 5</b>	Number of days from the date of issue of letter of acceptance for reckoning date of start	<b>10 Days</b>
<b>Authority to decide</b>	<b>Extension of time</b>	<b>Professor In-charge, Trauma Center, IMS , BHU, Varanasi Or successor thereof</b>
	<b>Rescheduling of mile stone</b>	<b>Professor In-charge, Trauma Center, IMS , BHU, Varanasi Or successor thereof</b>
Time allowed for execution of work		<b>12 Months</b>
<b>Clause 6, 6A</b>	Clause applicable	<b>Clause 6A</b>
<b>Clause 7</b>	Gross work to be done together with net payment/Adjustment of advances for material collected, if any, since the last such payment for being eligible to interim payment	NA

<b>Clause 10A</b>	<i>List of testing equipment to be provided by the contractor at site lab.</i>	1. Earth Tester, 2. Insulation Tester, 3. LT/HT, Tong Tester, 4. Multimeter 5. Digital Temperature & humidity measuring device, 6. Vernier Caliper 7. Wire Gauge 8. Cable Jacks, 9. Tacho meter 10. Filler Gauge 11. Vibration Monitoring Device
<b>Clause 10 B (ii), (iii)</b>	<i>Whether clause 10-B (ii) and 10-B (iii) shall be applicable.</i>	No
<b>Clause 10 C</b>	<i>Component of labour expressed as percentage of value of work</i>	25%
<b>Clause 10 CA</b>	<i>Materials covered under this clause.</i>	<b>Nearest material</b> (other than cement, reinforcement bars and structural steel) <b>for which All India Whole sale price Index is to be followed.</b>
	<i>Nil</i>	<i>Nil</i>
<b>Clause 10 CC</b>	<i>Clause 10CC to be applicable in contracts with stipulated period of completion exceeding the period shown in next column</i>	<b>NA</b>
<b>Clause 11</b>	<b>Specification to be followed for execution of work:</b>	CPWD General Specifications for, <i>DG Sets with up to date correction slips.</i>
<b>Clause 12</b>		
12.2 & 12.3	<i>Deviation limit beyond which clause 12.2 &amp; 12.3 shall apply for building work</i>	<b>NA</b>
12.5		



	<i>Deviation limit beyond which clause 12.2 &amp; 12.3 shall apply for foundation work</i>	<b>NA</b>
<b>Clause 16</b>	<b>Competent Authority for Deciding reduced rates:</b>	<b>Professor In-charge, Trauma Center, IMS, BHU, Varanasi Or successor thereof.</b>
<b>Clause 18</b>	<i>List of mandatory machinery, tools &amp; plants to be deployed by the contractor at site.</i>	<b>1. Earth Tester, 2. Insulation Tester, 3. LT/HT, Tong Tester, 4. Multimeter 5. Digital Temperature &amp; humidity measuring device, 6. Vernier Caliper 7. Wire Gauge 8. Cable Jacks, 9. Tacho meter</b>
<b>Clause 42</b>		
i) a)	<i>Schedule/ statement for determining theoretical quantity of cement &amp; bitumen on the basis of Delhi Schedule of Rates 2007 printed by CPWD</i>	<b>NA</b>
ii)	<b>Variations permissible on theoretical quantities</b>	
a)	<i>Cement for works with estimated cost put to tender not more than ` 5 lakhs.</i>	<b>NA</b>
	<i>For works with estimated cost put to Tender is more than ` 5 lakhs</i>	<b>NA</b>
b)	<i>Bitumen all works</i>	<b>NA</b>
c)	<i>Steel reinforcement and structural steel Sections for diameter, section and category.</i>	<b>NA</b>
d)	<i>All other materials</i>	<b>NA</b>

**RECOVERY RATES FOR QUANTITIES BEYOND PERMISSIBLE VARIATION**

<b>SI No</b>	<b>Description of items</b>	<b>Rates in figures and words at which recovery shall be made from the contractor</b>	
		<i>Excess beyond permissible variation</i>	<i>Less use beyond the permissible variation</i>
1.	Cement (PPC)	<b>N. A</b>	NA
2.	Steel reinforcement (TMT Bars)		NA

## **General Terms & Conditions**

1. The work shall be carried out as per CPWD general specification part-VII-2013, as per scope of work mentioned and to the full satisfaction of Engineer-in-charge.
2. The rates quoted by the firm shall be net i/c all taxes & duties.
3. No T&P will be issued to the contractor.
4. All the material to be used on the work shall be got approved from Engineer-in-charge before execution of work.
5. Nothing extra shall be paid on a/c of cartage / cooliage & no claim for idle labour shall be entertained.
6. All the Malba / debries/ surplus materials shall have to be removed from site of work immediately.
7. Any damage done to the man, machine & building during execution of work shall be the responsibility of the firm and the same will have to be rectified promptly by the agency at its own cost.
8. The contractor shall arrange his own T&P etc. He will also arrange petty material like Soap, Duster, fuse wire, indicating lamps, distilled water for battery, battery terminal, all control fuse for secondary wiring arrangement etc. as required for which nothing extra shall be paid.
9. Tax deduction will be as per government rule.
10. Payment will made on quarterly basis.
11. 2x1250 KVA DG sets with AMF panels are installed at Trauma centre campus, BHU, Varanasi.
12. The service contract would be for a period of 12 months from the date of start of work.
13. Service Engineer/ authorized Representative from OEM have to visit the site to attend the said engine, alternator & control panel at least one visit in every month during the contract period. This visit will be for Engine health checkup.
14. Any complaint call will have be attended within twenty four hours on all 7 days from. As per UOP requirement each AMC visit will be carryout on separate days for each engine.
15. During each AMC visit engine log book will have be check by service engineer from OEM and any discrepancies found in engineer log book will have be check by service engineer and any discrepancies found in engineer operation will be brought to UOP notice. Each visit will be of one day duration from 09 : 00 AM to 5:00 PM in the event the job is not completed, it will extend to the next working day.
16. During each visit, service engineer /authorized representative from OEM will inspect the said DG set and carryout minor adjustments & healthy certificates of DG sets is to be issued by the visiting engineer/company.

17. Any outside repairs if required like machine jobs, servicing of fuel equipment, starter-motor, battery charging alternator, radiators, main alternator and battery charging etc. will be beyond this scope.
18. The major overhauling of the Engine or major repairs to the main alternator and complete wiring of the control panel will be out of the scope of service contract.
19. All the spares, lubricants, fuels and cleaning agents are to be provide by customer. Any consumable / non consumable spares replaced will be on extra cost.
20. Servicing of PHE/ Radiator is excluded from the AMC scope of work and will be on chargeable base.
21. Consumables as filters recommended by the firm will be made available by the department, during the service engineer's visit.
22. Higher echelons of maintenance equivalent to W4 & Q5 routines are not covered here. For such routines separate offer will be placed along with requirement of spares.
23. Service offered under this contract should be in accordance with the Engine & Alternator manufacturer's standard service instruction / practice.
24. Necessary assistance of un-skilled worker's will be provided during visit of the service engineer.
25. During every visit the service engineer / representative from OEM have to get the service report signed by the engineer-in-charge.
26. Warranty will be not extended for repairs, until given in writing. The firm will not liable for any kind of loss.
27. During the tenure of the contract period, repairs adjustment by any third party will not be acceptable.
28. Proper log book have required to be maintained for noting down the detailed operations of the DG set. This log book shall be updated by customer operator as the DG set is used.
29. This service contract is not transferable and is applicable for this particular Genset and is subject to force major conditions.
30. This contract will automatically cease to exist in the event of change ownership or location of the above said Gen. set from the above said location.
31. The day to day maintenance is to be carried out by the Agency.
32. Work regarding load connections are to be attended by the department.
33. The engineer-in-charge will have be informed about the visit of service engineer / representative from OEM in advance in order to make available the Gen set to avail maximum benefit of engineer's visit.
34. Persons deputed to attend AMC Visit at site will use PPE (Personal Protective Equipment) as per UOP requirement.
35. The firm will have to provide list of Stranded parameters limit and actual result during each visit.
36. Following will be not covered in this AMC contract.

- a. Any direct or indirect loss or arising out due to operational unavailability of equipment.
- b. Any consequential damage/ loss or deptt. directly or indirectly attached and cause due to any type of reason related with the equipment referred under the contract.
- c. Any damage due to unforeseen reason, fire , flood, theft, pilferage, supply of bad fuel, accident or an leakage, short circuit or sudden malfunctioning or accidental failure.
- d. Top overhauling, Major overhauling of any equipment, rewinding of alternators / starters / chargers and calibration / testing of fuel pumps, injectors repair or replacement of batteries or replacement of major parts.
- e. Service contract will automatically be terminated, modified in the event of change of place or ownership.

Annexure-A		
Sr. No.	Name of Task	Description of Tasks
1	Lube Oil system	<p>Check for Lube oil level</p> <p>Check for leakages if any on the filters</p> <p>Check for the tightness of the filters</p> <p>Change filter if required However, the spare/consumable material shall be provided by the Departmental</p>
2	Fuel system	<p>Check for the tightness of the filters</p> <p>Check pre filter (only during W2 routines), Change filter if required However, the spare/consumable material shall be provided by the Departmental,</p> <p>Fuel level in the day tank</p> <p>Visual inspection of the system pipe work and flexible fuel hose check for any apparent leakages on fuel system lines.</p>
3	Coolant system	<p>Inspect for leakages on the Engine coolant system if any</p> <p>Inspect for leakages on the Charge air coolant system if any</p> <p>Check for the Coolant level on the radiator / expansion tanks for Engine Jacket water / Charger Air</p> <p>Check concentration of coolant</p> <p>Check ph value of coolant in use</p> <p>Visual inspection of any leakages on the radiator / Heat exchanger</p> <p>Visual inspection of the V-belts on the radiator for any apparent damages, Change or topup coolant if required</p>
4	Exhaust system	<p>Visual inspection of exhaust manifolds</p> <p>Check for leakages if any on exhaust manifolds</p> <p>Visual inspection of compensator bellows for any leakages of exhaust system or damage</p> <p>Visual inspection of exhaust line near silencer etc. for any apparent leakages check for exhaust smoke</p> <p>check the colour of exhaust smoke during running of DG Sets.</p>
5.	Air Intake to the Engine	<p>Visual Inspection of Air filters</p> <p>Check condition of contemn indicator for contamination</p> <p>Visual check on air in take manifolds.</p> <p>Visual inspection for flexible bellows on air intake system for any apparent damages.</p> <p>Check for any abnormal noise on turbochargers during running.</p> <p>Visual inspection of rubber bellow on exhaust system near turbochargers.</p> <p>Check and clean crank case breather filter if required.</p>
6	Engine Electronics	
6A	Starting system	Check for tightness / condition of the connections for controls

		<p>on the starter and starting solenoid.</p> <p>Check for connections on the engine mounted Battery charging alternator.</p> <p>Visual inspection of the battery charging alternator Check tightness of the V-belt on the alternator</p> <p>Check the condition of the batteries.</p> <p>Check all the monitoring equipment (Appliances) for their proper functioning</p>
6B	Engine system Control	<p>Check for tightness of connections on all the engine mounted sensor.</p> <p>Examine engine wiring for any apparent damages check for any apparent leakages on the sensors</p> <p>Check for the tightness of the connection on the Engine controller / Pandora.</p> <p>Check the control supply Voltage for its correctness check the instrumentation gauges on the control panel for their correct operation.</p> <p>Check the proper functioning of governing system/actuator of DG Engine and check proper working of primary pump motor. Check the proper functioning of vacuum mediator. Check tightness of Coupling. Check the cleanness of DG Sets</p>
7	Engine operation	<p>Start Engine and check engine operation</p> <p>Check for any abnormal noise during running check Engine speed</p> <p>Check and record pressure</p> <p>Check and record temperatures</p> <p>Check the noise level of Engine.</p> <p>Check the Vibration of Engine and Alternator</p>
8	Alternator	General inspection of the alternator & AVR

## Schedule of work

**Name of work : - Annual maintenance contract of 2x1250 KVA D.G. Set & AMF panels Trauma Centre, IMS, BHU, Varanasi**

<b>S. No.</b>	<b>Description of Item</b>	<b>Qty.</b>	<b>Rate</b>	<b>Unit</b>	<b>Amount</b>
1	Annual maintenance Contract of 2x1250 KVA Sterling make DG set & AMF panel installed at Trauma centre, BHU, as per terms & conditions attached & as per direction / to the full satisfaction of engineer-in-charge. (12 months)	1		Job	

**Professor In charge**  
Trauma Centre, IMS,  
BHU, Varanasi.



**INVITATION FOR BIDS**  
**Notice Inviting Tender (NIT)**

**BANARAS HINDU UNIVERSITY**  
**TRAUMA CENTRE**  
**INSTITUTE OF MEDICAL SCIENCES**  
**VARANASI-221005**

**e-Procurement Notice**

**Ref: TC/DG/01/2018-19**

**Dated: 28-07-2018**

Online tenders are hereby invited **in two cover system** from **approved and eligible contractors & agencies for the following works :-**

**Annual maintenance contract of 2x1250 KVA D.G. Set & AMF panels Trauma Centre, IMS, BHU, Varanasi**

Bidders can download complete set of bidding documents from e- procurement Platform <http://eprocure.gov.in/eprocure/app> from 28/07/2018(03.00 PM) onwards. Bidders need to submit the bids online for the interested items by uploading all the required documents through <http://eprocure.gov.in/eprocure/app>.

**Last Date/ Time for receipt of bids through e-procurement is: 06/08/2018 up to 03:00 PM.** (Server time). Late bids shall not be accepted.

For further details regarding Tender Notification & Specifications please visit website: <http://eprocure.gov.in/eprocure/app> and [www.bhu.ac.in](http://www.bhu.ac.in).

**CRITICAL DATE SHEET**

<b>Published Date</b>	<b>28-07-2018 (03:00 PM)</b>
<b>Bid Document Download Start Date</b>	<b>28-07-2018 (03:00 PM)</b>
<b>Clarification Start Date</b>	<b>28-07-2018 (03:00 PM)</b>
<b>Clarification End Date</b>	<b>30-07-2018 (03:00 PM)</b>
<b>Pre bid meeting</b>	<b>NA</b>
<b>Bid Submission Start Date</b>	<b>28-07-2018 (03:00 PM)</b>
<b>Bid Document Download End Date</b>	<b>06-08-2018 (03:00 PM)</b>
<b>Bid Submission End Date</b>	<b>06-08-2018 (03:00 PM)</b>
<b>Bid Opening Date</b>	<b>07-08-2018 (03:00 PM)</b>

sd/-  
Registrar