



ISO 9001 : 2008



Homi Bhabha Birth Centenary Year
30 October 2008 – 30 October 2009



सत्यमेव जयते

भारत सरकार
GOVERNMENT OF INDIA

परमाणु ऊर्जा विभाग
DEPARTMENT OF ATOMIC ENERGY

भारी पानी संयंत्र (मनुगुरु)
HEAVY WATER PLANT (MANUGURU)

INSTRUMENTATION -PROCESS SECTION



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ई - निवदा दस्तावजे e - TENDER DOCUMENT

Maintenance of Control valves in Main Plant at HWPM (2019-20).

निवदासूचना सं

TENDER NO: HWPM/I-P/XU-II/MTA-2020/2 A

भारी पानी संयंत्र (मनुगुरु) Heavy Water Plant (Manuguru)
भारत सरकार Government of India
परमाणु ऊर्जा विभाग Department of Atomic Energy
गौतमीनगर Gauthami Nagar,
अंापुरम Aswapuram - 507 116,
Bhadradri-Kothagudem Dist. [T. S.]

Government of India
HEAVY WATER PLANT, Manuguru

TENDER FOR: Maintenance of Control Valves at HWPM (2019-20).

TENDER NOTICE NO: HWPM/I-P/XU-II/MTA-2020/2A

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भारत सरकार Government of India
परमाणु ऊर्जा विभाग Department of Atomic Energy
भारी पानी संयंत्र (मणुगूरु) Heavy Water Plant, Manuguru
उपकरण-प्रोसेस प्रभाग Instrumentation-Process Division

ई-निविदा आमंत्रण NOTICE INVITING e-TENDER
E-TENDER NOTICE No. **HWPM/I-P/XU-II/MTA-2020/2A**

भारत के राष्ट्रपति की ओर से दो चरण प्रणाली में ऑनलाइन मद दर निविदाओं परमाणु ऊर्जा विभाग के पात्र ठेकेदारों से ई-टेंडरिंग मोड और सीपीडब्ल्यूडी, एमईएस, रेलवे और की उचित सूची में से उन लोगों के माध्यम से इस तरह के परिमाण का पर्याप्त अनुभव और क्षमताओं समान निष्पादित करने के लिए (इसके बाद परिभाषित) महाप्रबंधक, भारी पानी संयंत्र, मणुगूरु द्वारा आमंत्रित कर रहे हैं ।

Online item rate tenders in TWO Stage system are invited on behalf of the President of India by the General Manager, Heavy Water Plant, Manuguru, through e-tendering mode from contractors of repute having adequate experience and capabilities to execute similar works (as defined here after) of such magnitude.

1. काम का संक्षिप्त विवरण Brief Details of work		
1.1	कार्य का नाम Name of work	नियंत्रण वाल्वों का अनुरक्षण Maintenance of Control Valves
1.2	अनुमानित लागत Estimated cost put to tender	Rs 4,86,000/-
1.3	बयाना EMD	Rs 9720/- का बयाना वेतन एवं लेखा अधिकारी, भापासंम के नाम पर डीडी/बैंकर्स चेक द्वारा किसी भी अनुसूचित बैंक में Earnest Money Deposit of Rs. 9720/- in the form of crossed DD/ Bankers Cheque /FDR issued by a scheduled bank in favor of Pay & Accounts Officer, HWPM drawn on SBI, HWP(M) branch. (code: 20960). (a) EMD in the form of Cheque will not be accepted. (b) The EMD DD/ BC shall be valid for minimum 60 days from date of opening of tender. (c) Tender/offer without valid EMD and tender processing fees will be summarily rejected.
1.4	कार्य समापन अवधि Completion period	कार्य निष्पादित करने के लिए दिया गया समय 40 दिवस The time allowed for carrying out the work will be 40 (forty days)
1.5	निविदा प्रोसेसिंग शुल्क Tender processing fee	590/- (सेवाकर मिलाकर). भुगतान इंटरनेट बैंकिंग/डेबिट कार्ड/क्रेडिट कार्ड (मास्टर/वीज़ा) द्वारा किया जा सकता है । Rs.590/- (including service tax). The payment can be made only through Internet banking / Debit card/Credit card (Master/Visa).
1.6	प्रतिभूति जमा Security Deposit	निविदा मूल्य के 2.5% 2.5% of tendered value.
1.7	निष्पादन गारंटी Performance Guarantee	निविदा मूल्य के 5% 5% of tendered value.
1.8	निविदा दस्तावेज देखने के लिए उपलब्धता तारीख और निविदा आरेखण देखने व डाउनलोड की तारीख Dates of availability of Tender	दिनांक 11/07/2020 से 21/07/2020 तक From 11/07/2020 (09.30 Hrs) to 21/07/2020 (16.00 Hrs) on website www.tenderwizard.com/DAE . Detailed NIT is also available on website www.hwb.gov.in for view only.

	Documents for view and download including Tender Drawings if any.	
1.9	पूर्व-बोली वर्गीकरण Pre-bid clarification	प्री-बिड केरी को भेजने के लिए ईमेल आईडी: dymm_ip@man.hwb.gov.in dgm_p@man.hwb.gov.in
1.10	निविदाओं के आनलाइन प्रस्तुत करने के लिए समापन के आखरी तारीख एवं समय Last date and time of closing of online submission of tenders:	22/07/2020 (14.00 Hrs).
1.11	ठेकेदार प्रत्यय-पत्र प्रस्तुत करने की अंतिम तारीख (हार्ड प्रति) Last date for submission of contractor credentials (hard copies i.e. attested copies of certificates for proof of eligibility criteria and Original DD/BC etc., towards EMD, copy of e-payment receipt etc.	दिनांक 23/07/2020(14.00 बजे) तक उप महाप्रबंधक (पी), भारी पानी संयंत्र, मणुगूरु-507 116, भद्राद्री कोत्तगूडेम जिला, तेलंगाणा राज्य। On or before 23/07/2019 (14.00 Hrs.) in the office of Deputy General Manager (P), Heavy Water Plant, Manuguru, Bhadradri kothagudem District – 507 116, Telangana State.
1.12	तकनीकी बोली (भाग-ए) आनलाइन द्वारा खोलने की तारीख एवं समय Date and time of online opening of Technical Bid (Part A)	उप महाप्रबंधक (पी), भापासंम के कार्यालय में 23/07/2020 (14.30 बजे) को। 23/07/2020 (14.30 hrs) in the office of Dy. GM (P), HWPM.
1.13	योग्य बोलीदाताओं की वित्तीय बोली खोलने की तारीख (पार्ट बी) Date of opening of financial bids of qualified bidders (Part B)	बाद में अधिसूचित किया जाएगा। Will be notified at a later date.
1.14	लयबिलिटी अवधि Defect liability period	12 (बारह) माह 12 (Twelve) months

2. निविदा में भाग लेने के लिए प्रारंभिक पात्रता मानदंड

Initial Eligibility criteria for participation in tendering:

Contractors who fulfill the following requirements shall ONLY be eligible to apply.

2.1 इसी तरह की प्रकृति के निष्पादन में अनुभव होने का सबूत। बोलीदाताओं भारत में एक पंजीकृत फर्म होना चाहिए। संयुक्त उद्यमों और या कन्शोरशियम स्वीकार्य नहीं हैं

Proof of having experience in execution of similar nature of works. Bidders should be a registered firm in India. Joint ventures and or Consortiums are not acceptable.

2.2 इसी तरह के कार्यों में अनुभव **Experience in similar works:**

इच्छुक रखने वाले बोलीदाता को प्रदान की जाती है कि वह उपयुक्त प्राधिकारी, जो पिछले सात साल में नीचे निर्दिष्ट परिमाण के संतोषजनक ढंग से पूरा समान काम करता होने के सक्षम प्राधिकारी की संतुष्टि के लिए किया जाएगा, से निश्चित सबूत है बोली प्रस्तुत करने के लिए पात्र है। निविदा जमा करने की अंतिम तिथि के एक दिन पहले से सभी मामलों में पूरा किया जाएगा।

Intending bidder is eligible to submit the bid provided he has definite proof from the appropriate authority, which shall be to the satisfaction of the competent authority, of having satisfactorily completed similar works of magnitude specified below in last seven years. The similar works shall be completed in all respects by previous day of last date of submission of tender.

Should have satisfactorily completed (based on certification of performance by client of the works)

- (a) एक ही प्रकृति का संपन्न कार्य जिसका कुल मूल्य रु 3.84 लाख से कम नहीं है । One similar completed work of aggregate value not less than **Rs. 3.84 lakhs**
- (b) दो प्रकार के समान संपन्न कार्य जिसके प्रत्येक का मूल्य रु 2.88 लाख से कम नहीं है । Two similar completed works, each value not less than **Rs. 2.88 lakhs**
- (c) तीन प्रकार के समान संपन्न कार्य जिसके प्रत्येक का मूल्य रु 1.92 लाख से कम नहीं है । Three similar completed works, each value not less than **Rs. 1.92 Lakhs**

इसी तरह के काम का मतलब: डीडी वाल्व, वायवीय वाल्व, नियंत्रण वाल्व (फिशर/सीरग/आई.एल.मेक), शटडाउन वाल्व्स के ओवरहाल को निष्पादित करने में अनुभव को कवर करने वाले कार्य विभिन्न उद्योगों में विभिन्न आकारों के वायवीय एक्च्यूएटर / इलेक्ट्रिकल एक्च्यूएटर (पेट्रोकेमिकल इंडस्ट्री) का अनुभव बेहतर है ।

Similar work means: Works covering experience in executing the overhaul of DD valves, Pneumatic valves, facing of valve body flanges, Control valves (fisher / serag /IL make), shutdown valves Pneumatic actuator / electrical actuators of various size in various industries (Petrochemical industry experience is preferable)

काम के इस उद्देश्य लागत सरकार / ग्राहक द्वारा आपूर्ति माल की लागत, लेकिन लागत से मुक्त आपूर्ति की उन छोड़कर सहित पूरा काम के सकल मूल्य का मतलब होगा । यह कार्यकारी अभियंता/परियोजना प्रबंधक या समकक्ष के पद से ऊपर अधिकारी प्रमाणित किया जाना चाहिए।

For this purpose, cost of work shall mean gross value of the completed work including cost of material supplied by the Government/ Client but excluding those supplied free of cost. This should be certified by an officer not below the rank of Executive Engineer /Project Manager or equivalent.

नोट Note: 1) निष्पादित कार्यों के मूल्य में प्रति वर्ष 7% की दर सरल, निविदाओं के लिए आवेदन प्राप्त करने की अंतिम तिथि की गणना पूरा होने की तारीख से कम से काम के वास्तविक मूल्य को बढ़ाने के द्वारा वर्तमान की लागत के स्तर तक लाया जाएगा । The value of executed works shall be brought to the current costing level by enhancing the actual value of work at simple rate of 7% per annum, calculated from date of completion to the last date of receipt of applications for tenders.

- 2) काम के घटकों की लागत से कार्यान्वित, जबकि पात्रता के लिए समान काम के मूल्य पर पहुंचने से इसी तरह के काम की परिभाषा में वर्णित उन से अन्य कटौती की जाएगी। बोलीदाता इसके समर्थन में इसी प्रकार के घटकों की लागत की प्रमाणित सार प्रस्तुत करेगा। Cost of components of work executed other than those mentioned in definition of similar work shall be deducted while arriving at the value of similar work for eligibility. Bidder shall submit certified abstract of cost of similar components in support of this.

2.3 टर्नओवर Turnover:

निर्माण कार्यों पर औसत वार्षिक वित्तीय बारी खत्म होना चाहिए कम से कम रुपये के स्तर पर होना चाहिए। तत्काल पिछले लगातार 3 वित्त वर्ष के दौरान 9.05 लाख। यह विधिवत एक पंजीकृत सनदी लेखाकार द्वारा लेखा परीक्षित और सीए से प्रमाण पत्र की कॉपी स्कैन करके अपलोड किया जा करने के लिए किया जाना चाहिए। वर्ष में जो कोई कारोबार दिखाया गया है भी औसत से बाहर काम करने के लिए विचार किया जाएगा।

Should have average annual financial turn over on similar type of works should be at least **Rs.5 L** during the immediate last 3 consecutive financial year. This should be duly audited by a registered Chartered Accountant and scanned copy of certificate from CA to be uploaded. Year in which no turnover is shown would also be considered for working out the average.

दिनांक 31.03.2020 को समाप्त अवधि के लिए 5 वर्षों के दौरान दो वर्षों में कोई भी प्रकार क्षति नहीं होना चाहिए ।

They should not have incurred any loss in more than two years during last 5 years' period ending with 31.03.2020.

2.4 शोधन क्षमता: Solvency:

एक राष्ट्रीयकृत / अनुसूचित बैंक 4 लाख की एक न्यूनतम करने के लिए बराबर का बैंक शोधन क्षमता प्रमाण पत्र होना चाहिए। किसी भी अनुसूचित बैंक द्वारा जारी किए गए प्रमाण पत्र की कॉपी अपलोड की गई और प्रस्तुत किया जाना आवश्यक है।

Should have Bank Latest Solvency certificate of a Nationalized/Scheduled Bank equal to a minimum of **Rs. 4 lakhs**. Copy of Certificate issued by any schedule Bank is required to be uploaded and submitted.

2.5 बोलीकर्ता के पास यह होना चाहिए The bidder should have

(क) निर्माण संयंत्र और मशीनरी, उपकरण, सहायक उपकरण और अन्य बुनियादी सुविधाओं के निर्धारित समय में काम पूरा करने के लिए।

(ख) आवश्यक तकनीकी स्टाफ।

(ग) संबंधित विभागों द्वारा जारी किए गए प्रमाण पत्र मान्य

(D) निष्पादन प्रमाण पत्र

(ई) WCT पंजीकरण प्रमाण पत्र

(च) पैन (स्थायी खाता संख्या)

(छ) जी.एस.टी. पंजीकरण प्रमाणपत्र

(a) Machinery, equipments, accessories & other infrastructure facilities required to complete the work in scheduled time. Suitable welding machine, grinding machine and lathe machine along with all related consumables and qualified operators shall be arranged by the bidder for carrying out any repair/maintenance to the control valve bodies etc.

(b) Required Technical staff.

(c) Valid certificates issued by concerned departments

(d) Performance Certificates

(e) WCT registration certificate

(f) PAN (Permanent Account Number)

(g) GST registration certificate (Acknowledgment to up to date GST filed refund)

2.6 पात्र बनने के लिए, बोलीदाताओं के तहत के रूप में एक शपथ पत्र प्रस्तुत करना होगा

To become eligible, the bidders shall have to furnish an affidavit as under:-

मैं / हम अंडरटेक एवं पुष्टि करते हैं कि पात्र समान काम करता है (हैं) / की गई वापस आधार पर वापस करने के लिए एक और ठेकेदार के माध्यम से क्रियान्वित नहीं मिला है। इसके अलावा अगर इस तरह के उल्लंघन विभाग के ध्यान में आता है, तो मैं / हम भविष्य में परमाणु ऊर्जा विभाग में बोली लगाने के लिए हमेशा के लिए वंचित किया जाएगा। इसके अलावा, अगर इस तरह के उल्लंघन काम की शुरुआत की तारीख से पहले विभाग के ध्यान में आता है, इंजीनियर-इन-चार्ज बयाना जमा/निष्पादन गारंटी की पूरी राशि अर्थदंड करने के लिए स्वतंत्र होगा। (स्कैन प्रतिलिपि बोली प्रस्तुत करने के समय पर अपलोड किया जा सकता है)।

I/We undertake and confirm that eligible similar works(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 bidding in DAE 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. (Scanned copy to be uploaded at the time of submission of bid).

3. ई-टेंडरिंग: बोलीदाताओं के लिए निर्देश e-Tendering: Instructions for Bidders

3.1 निविदा दस्तावेज वेबसाइट पर उपलब्ध Tender document available on website:

निविदा योजनाओं, विनिर्देशों से मिलकर दस्तावेज़, वस्तुओं के विभिन्न प्रकार की मात्रा की अनुसूची क्रियान्वित किया जा रहा है और अनुबंध के नियम और शर्तों के सेट के साथ पालन किया जा रहा है और अन्य आवश्यक दस्तावेजों को देखा है और वेबसाइट www.tenderwizard.com से डाउनलोड किया जा सकता है। परमाणु ऊर्जा विभाग या मुफ्त में www.hwb.gov.in (केवल एनआईटी)।

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 and downloaded from website www.tenderwizard.com/DAE or www.hwb.gov.in (NIT only) at free of cost.

3.1 ई-पोर्टल e- Portal

क) ई-टेंडरिंग के लिए भापाबो / परमाणु ऊर्जा विभाग में मेसर्स आईटीआई लिमिटेड सेवाएँ प्रदान की जाती है सहायता डेस्क केंद्र, बी -1 / 5 ए, द्वितीय तल, मुख्य सड़क के पास नजफगढ़, जनकपुरी मेट्रो स्टेशन (पूर्व) जनकपुरी, नई दिल्ली है -110058, फैक्स सं.: 91-11-25618721, दूरभाष सं: 011-49424365, ई-मेल: daehelpdesk@etenderwizard.com। वेबसाइट www.tenderwizard.com/DAE के माध्यम से।

ख) पंजीकृत ठेकेदारों ही खरीद सकते हैं / डाउनलोड और अपेक्षित शुल्क के भुगतान के बाद प्रस्तुत / अपलोड निविदाओं। वेब साइट ऊपर उल्लेख पर पंजीकृत नहीं उन ठेकेदारों, ई-निविदा परमाणु ऊर्जा विभाग के साथ के लिए पहले से पंजीकृत करने के लिए आवश्यक हैं।

ग) यह आवेदकों यूजर आईडी और पासवर्ड वेबसाइट www.tenderwizard.com/DAE करने के लिए पहुँच पाने के लिए है करने के लिए अनिवार्य है।

घ) यह सभी आवेदकों को लाइसेंस प्रमाणित एजेंसी से किसी से कक्षा III डिजिटल हस्ताक्षर प्रमाण पत्र ई-निविदा में भाग लेने के लिए करने के लिए अनिवार्य है।

ई) आवेदकों को सेवा प्रदाता, एम के साथ उनकी फर्म / कंपनी पंजीकृत करने के लिए है / एस आईटीआई यूजर आईडी और पासवर्ड के लिए लिमिटेड। / एस आईटीआई लिमिटेड और अन्य औपचारिकताओं को पूरा करने के रूप में उपरोक्त वेबसाइट में उल्लेख पंजीकरण एम के लिए एक वार्षिक पंजीकरण शुल्क का भुगतान करके किया जाएगा। - (080) 40482000 (9am शाम 6 - सोम शनि करने के लिए) rudresh.tenderwizard@gmail.com, निविदा सहायता डेस्क: सहायता के लिए / स्पष्टीकरण मोबाइल 09969395522, ई-मेल से संपर्क करें।

च) आवेदकों, जो पहले से ही भापाबो / परमाणु ऊर्जा विभाग के किसी भी अन्य परियोजना के लिए एम / एस आईटीआई लिमिटेड से इस तरह के वैध यूजर आईडी और पासवर्ड प्राप्त किया है, वर्तमान निविदा में भाग लेने के प्रयोजन के लिए नए सिरे से यूजर आईडी और पासवर्ड प्राप्त करने की जरूरत नहीं है।

- The services for e-tendering in HWB/DAE is provided by M/s ITI Ltd., Tender wizard Help Desk Centre, B-1/5A, 2ndFloor, Main Nazafgarh Road Near Janakpuri Metro Station (East) Janakpuri, New Delhi-110058, Fax_No: 91-11-25618721, Ph_No: 011-49424365, e-mail: daehelpdesk@etenderwizard.com. through the website www.tenderwizard.com/DAE.
- Registered contractors can only purchase/download & submit/upload tenders after paying requisite fees. Those contractors not registered on the web site mentioned above, are required to get registered beforehand for e-tendering with DAE.
- It is mandatory for the applicants to have user **ID & password** to get access to the website www.tenderwizard.com/DAE.
- It is mandatory for all the applicants to have **class-III digital signature certificate** from any of the licensed Certifying Agency to participate in e-tendering.
- The applicants have to get registered their firm / company with the service provider, M/s ITI Limited for user ID & password. The registration shall be done by paying an annual registration fees to M/s ITI Limited and completing other formalities as mentioned in the above website. For assistance/ clarifications please contact mobile 09969395522, e-mail: rudresh.tenderwizard@gmail.com, Tender Wizard Help Desk – (080) 40482000 (9am to 6pm – Mon to Sat).
- The applicants, who have already obtained such valid user ID and password from M/s ITI Limited, for any other project of HWB/DAE, need not obtain fresh user ID and password for the purpose of participation in the present tender.

3.2 निविदा दस्तावेज दो हिस्सों में तैयार किया जाता है। **Tender document is prepared in two parts.**

भाग-ए (तकनीकी वाणिज्यिक बोली) Part 'A' (Techno commercial Bid) consists of

भाग Section I – ई-निविदा आमंत्रण सूचना Notice Inviting e-Tender,

भाग Section II – करार का फार्म, ज्ञापन, मुख्य शासी सुविधाओं (' के लिए अनुसूचियों 'ए' से 'एफ' का प्रोफार्मा), निविदा उपक्रम, सामान्य नियम और ठेकेदार के मार्गदर्शन, अनुबंध की शर्तों, अनुबंध, सत्यनिष्ठा समझौते के खण्ड के लिए दिशा-निर्देश। धारा III - विशेष खण्ड, निविदाकर्ताओं को विशेष निर्देश, अतिरिक्त शर्तों Form of Agreement, Memorandum, Salient Governing features (Proforma of Schedules 'A' to 'F'), Tender undertaking, General Rules and Directions for the guidance of Contractors, Conditions of Contract, Clauses of Contract, Integrity pact. Section III - Special Clauses, Special Instructions to Tenderers, Additional conditions,

भाग Section IV – तकनीकी विनिर्देशन Technical specifications,

भाग Section V – निविदा आरेखण की सूची List of Tender Drawings,

भाग Section VI - सुरक्षा मैनुअल, श्रमिकों के लिए स्वास्थ्य और स्वच्छता की व्यवस्था के संरक्षण के लिए मॉडल नियम, श्रम नियमों अनुबंध। Safety Manual, Model rules for the protection of health and sanitary arrangements for workers, Contract labour regulations

Section VII - प्रारूप, प्रोफार्मा और परिशिष्ट और अनुबंध। Formats, proforma and appendices and Annexure.

भाग Part 'B' (वित्तीय बोली **Financial bid**) consists of Schedule 'B' – अनुसूची की मात्रा Schedule of Quantities.

3.3 निविदा की भागीदारी **Tender Participation:**

(a) इच्छुक बोली लगाने वाले नियमों और "आमंत्रण सूचना निविदा" ध्यान की शर्तों को पढ़ने चाहिए। वह केवल अपनी बोली प्रस्तुत करना चाहिए अगर वह खुद को योग्य मानता है और वह सभी आवश्यक दस्तावेजों के कब्जे में है। The intending bidder must read the terms and conditions of "NOTICE INVITING TENDER" carefully. **He should only submit his bid if he considers himself eligible and he is in possession of all the documents required.**

(b) तकनीकी Bid1, तकनीकी Bid2 युक्त तकनीकी-वाणिज्यिक बोली - - निविदा में भाग लेने के लिए, संभावित बोलीदाताओं भाग ए के एक्सेल प्रारूप डाउनलोड करने के लिए आवश्यक हैं फार्म (फार्म 'ए', फार्म 'बी', फार्म 'सी' और जनरल डेटा) और पार्ट बी-वित्तीय बोली के साथ अपने यूजर आईडी / पासवर्ड और तीसरी कक्षा डिजिटल हस्ताक्षर प्रमाणपत्र वेबसाइट www.tenderwizard.com/DAE के होम पेज में अनुसूची 'बी' प्रवेश के बाद से युक्त।

अनुसरण कर रहे हैं एक्सेल दस्तावेजों डाउनलोड करने के लिए कदम:

i) "अव्यावहारिक" बटन पर क्लिक करें;

ii) "अनुरोध" आइकन (नीले रंग) पर क्लिक करें,

iii) निविदा शुल्क डीडी विवरण दर्ज करें।

iv) भुगतान निविदा प्रोसेसिंग शुल्क ऑनलाइन।

v) "भेजें" बटन पर क्लिक करें।

vi) "प्रगति में" बटन पर क्लिक करें।

vii) स्थिति में स्तंभ बोली लगाने वाले के रूप में प्राप्त निविदा मिल जाएगा।

viii) बोलीदाता प्रस्तुत करने की अंतिम तिथि तक कितनी भी बार के लिए "संपादित अटैचमेंट" आइकन पर क्लिक करके आवश्यक निविदा दस्तावेज डाउनलोड करने के लिए सक्षम हो जाएगा

To participate in the tender, Prospective Bidders are required to download the excel format of Part A – Techno-commercial Bid containing Technical Bid1, Technical Bid2 – Forms (Form 'A', Form 'B',

Form 'C' & General data) and Part B-Financial Bid containing Schedule 'B' after Login in the Home page of the website www.tenderwizard.com/DAE with their User ID /Password & Class III Digital Signature Certificate.

Steps to download EXCEL documents are following:

- i. Click on "UNAPPLIED" button;
 - ii. Click on "REQUEST" icon (blue colour),
 - iii. Enter TENDER FEE DD Details.
 - iv. Pay TENDER PROCESSING FEE online.
 - v. Click on "SUBMIT" button.
 - vi. Click on "IN PROGRESS" button.
 - vii. In status column bidder will find the tender as RECEIVED.
 - viii. Bidder will be able to download required Tender Documents by clicking "EDIT ATTACHMENT" icon for any number of times till last date of submission.
- (c) The agencies interested to participate in online tendering process are required to fill up payment details towards cost of tender processing fees within sale / download period for downloading the tender document (excel sheets) from the e-tendering portal only, otherwise, it will not be possible for them to upload / submit the tender.
- (d) Interested bidders who fail to download the editable documents for submission within the period indicated in tender notice will not be able to further participate in tender process.
- (e) Downloading the tender documents (excel sheets) without confirmation of payment details on web site www.tenderwizard.com/DAE shall not be valid and rejected summarily. Online bid documents submitted by intending bidders shall be opened only of those bidders, who has deposited e-Tender Processing fee with M/s ITI Limited and Earnest Money Deposit and other documents scanned and uploaded are found in order.

3.4 प्रस्ताव प्रस्तुत करना **Submission of offer:**

- (a) निविदा के रूप में एनआईटी में उल्लिखित तिथि और समय से पहले निर्धारित प्रारूप में ऑनलाइन प्रस्तुत किया जाएगा। प्रस्तुत करने का कोई अन्य मोड स्वीकार्य है। The tender shall be submitted online in the prescribed format before the date and time as mentioned in NIT. No other mode of submission is acceptable.
- (b) प्रस्ताव दो भागों हिस्सा होते हैं - भाग -1 (तकनीकी-वाणिज्यिक बोली) और भाग - द्वितीय (वित्तीय बोली) बोलीदाताओं नीचे लोड एमएस एक्सेल कार्यपुस्तिका दोनों भागों के कार्यपत्रकों युक्त, सदा ही एक्सेल दस्तावेजों / स्वरूपों में डेटा को भरने के लिए है और संपादित कार्यपुस्तिकाओं उन्हें नाम बदलने के बिना अपलोड करना होगा Offer consists of two parts Part – I (Techno-commercial Bid) and Part – II (Financial Bid). Prospective Bidders has to **down load MS Excel workbook** containing worksheets of both parts, invariably fill the Data in the Excel documents/formats and **edited workbooks uploaded without renaming them**
- (c) भरने की तरीका **Mode of filling:**

बोलीकर्ता को एसएस एक्सेल में निम्नलिखित भरना होगा

The Bidder is required to fill the MS Excel work Book containing the following:

I - Part - 'A'

a) तकनीकी बोली-1 Technical Bid 1.

b) तकनीकी बोली-2 Technical Bid 2 (Forms) containing

(i) सामान्य General Data

(ii) फार्म Form A - List of similar works completed during last seven years

(iii) फार्म Form B - List of works in hand

(iv) फार्म Form C-Manpower & Machinery proposed for the work& Cash Flow statement

II – भाग Part – "B"

अनुसूची Schedule - 'B' (Financial Bid).

मूल्य बोली (अनुसूची) Price Bid (Schedule):

- (i) ठेकेदार प्रत्येक मद की दर उद्धृत करने के लिए यह सुनिश्चित करना चाहिए।
 - (ii) बोलीदाता केवल भारतीय रुपए में काम के लिए बोली लगाई जाएगी।
 - (iii) व्याप्ति स्तंभ आंकड़ों में दर उद्धृत के लिए बने पीले रंग में दिखाई देता है और पल दर दर्ज की गई है, यह आकाश नीला पड़ जाता है।
 - (iv) बोलीदाता यह सुनिश्चित करना चाहिए कि सभी मदों की दरों में ठीक से प्रासंगिक कोशिकाओं में विपरीत प्रत्येक मद की मात्रा को अपलोड / प्रस्तुत करने से पहले भरा जाएगा। इसलिए, यदि किसी भी सेल खाली छोड़ दिया जाता है और कोई दर से बोली लगाने वाले, दर / इस तरह के आइटम के मूल्य "0" (शून्य) जो इंगित करता है कि आइटम की लागत से मुक्त माना जा रहा है के रूप में माना जाएगा उद्धृत किया गया है।
 - (v) बोली जमा करने के बाद, ठेकेदार संशोधित बोली बार की लेकिन पिछली बार और बोली प्रस्तुत करने की तारीख से पहले किसी भी संख्या को फिर से जमा कर सकते हैं के रूप में अधिसूचित।
 - (vi) संशोधित बोली प्रस्तुत करते समय ठेकेदार के रूप में अधिसूचित पिछली बार और बोली प्रस्तुत करने की तारीख एक या एक से अधिक मद कितनी भी बार की लेकिन इससे पहले कि दर को संशोधित कर सकते हैं।
 - (vii) ठेकेदार मूल्य बोली में उद्धृत दरों का खुलासा नहीं करेगा और न ही करेगा लगा देना / दस्तावेजों पैरा 3.6 में उल्लेख के साथ किसी भी हार्ड कॉपी जमा करें।
 - (i). Contractor must ensure to quote rate of each item.
 - (ii). Bidder shall bid for work in Indian Rupees only.
 - (iii). The column meant for quoting rate in figures appears in yellow colour and the moment rate is entered, it turns sky blue.
 - (iv). Bidder should ensure that the rates of all items(Including GST) shall be filled properly in relevant cells opposite to the Quantity of each item before uploading/ submission. Therefore, **if any cell is left blank and no rate is quoted by the bidder, rate/Value of such item shall be treated as "0" (ZERO) which indicates that the item is being considered free of cost. However , if a tenderer quotes Nil rates against each item in tender, the tender shall be treated as invalid and will not be consider as lowest tender.**
 - (v). After submission of bid, contractor can resubmit revised bid any number of times but before last time and date of submission of bid as notified.
 - (vi). While submitting revised bid, contractor can revise the rate of one or more item(s) any number of times but before last time and date of submission of bid as notified.
 - (vii). **Contractor shall not disclose rates quoted in price Bid nor shall enclose /submit any hard copy along the documents mentioned in Para 3.6.**
- (d) भाग (सामान्य डेटा, फार्म ए फार्म बी और फार्म सी) की सभी सामग्री की प्रिंट कॉपी, भौतिक रूप से हस्ताक्षरित किया जाएगा और उसके बाद स्कैन और अनिवार्य दस्तावेजों अपलोड किया जाएगा। ~~Physical~~ copy of all the worksheets of Part I (General Data, Form A, Form B and Form C), shall be signed physically, then scanned and uploaded as mandatory documents.
- (e) डाटा फार्मेट ए से एफ (निविदा दस्तावेज के भाग VII) को भर कर हस्ताक्षर कर, स्कैन कर अपलोड किया जाना है। Data in Formats Form A to F (Section VII of – Tender Document) are to be filled, signed, scanned and uploaded.
- (f) पैरा 3.6 के तहत उल्लेख दस्तावेजों की स्कैन प्रतियां भी अपलोड किया जाना हैं Scanned copies of documents mentioned under Para 3.6 are also to be uploaded
- (g) लिंक अनिवार्य दस्तावेज अपलोड करने के लिए बनाई गई हैं। बोली जमा करने से पहले, बोलीदाताओं विषय निविदा के खिलाफ इस तरह के प्रत्येक अनिवार्य लिंक के खिलाफ दस्तावेज अपलोड करने के

लिए है। अगर कोई अनिवार्य लिंक इन दस्तावेजों में से किसी के लिए उपलब्ध है, वही अन्य दस्तावेज के रूप में अपलोड किया जाएगा। Links are created for uploading mandatory documents. Before submission of bids, bidders have to upload documents against each such mandatory links against subject tender. If no mandatory link is available for any of these documents, same shall be uploaded as other document.

- (h) केवल बोली आईटीआई लिमिटेड के पक्ष में प्रोसेसिंग शुल्क का ई-भुगतान के बाद प्रस्तुत किया जा सकता है और वेतन एवं लेखा अधिकारी, भापासंम पक्ष में किसी भी अनुसूचित बैंक के डिमांड ड्राफ्ट एसबीएच भापासंम शाखा (कोड 20960) के रूप में होना चाहिए और दस्तावेजों को अपलोड करने के बाद प्रस्तुत किया जा सकता है। The bid can only be submitted after **e-payment of Processing Fee in favour of ITI Limited** and uploading the mandatory scanned documents such as Demand Draft of any schedule bank in favor of P&AO, HWPM, drawn on SBI-HWPM Br. (Code:20960) towards EMD and other documents as specified.
- (i) ठेकेदार जेपीजी प्रारूप और पीडीएफ प्रारूप के रूप में अतिरिक्त समर्थन दस्तावेज अपलोड कर सकते हैं। यदि 5 एमबी से अधिक आकार मामले में फ़ाइलों को 5एमबी से कम बनाकर अपलोड करना होगा Contractor can upload additional **supporting documents** in the form of **JPG** format and **PDF** format. In case **file size is more than 5 MB**, the **file should be split** up into files **each of size not more than 5 MB**.
- (j) भौतिक ईएमडी एवं निविदा प्रोसेसिंग शुल्क को एकल सीलबंद लिफाफे में प्रस्तुत करने होगा उस पर शुल्क शुल्क (बयाना, निविदा प्रोसेसिंग शुल्क का दर) लिखना होगा। **Physical EMD & Copy of e-payment receipt towards Tender Processing Fee shall be placed in single sealed envelope super scribed as "FEE (Earnest Money, and Cost of Tender Processing Fee)"**
- (k) निविदा सूचना में दिए गए अनुसार सूचिबद्ध आदेश की प्रतियाँ और कार्य अनुभवन प्रमाण-पत्र एवं अन्य दस्तावेज बिड प्रस्तुत करने के निर्धारित अवधि में स्कैन करके अपलोड करने होगा और प्रमाणित प्रति को अलग से सीलबंद लिफाफे में रखकार "अन्य दस्तावेज" में रूप में प्रस्तुत करना होगा। Copies of Enlistment Order and certificate of work experience and other documents as specified in the detailed tender notice shall be scanned and uploaded to the e- Tendering website within the period of bid submission and certified copy of each shall be deposited in a separate envelop marked as "**Other Documents**".
- (l) दोनों लिफाफे को एक अलग से लिफाफे में रखना होगा और उस पर कार्य का नाम, तारीख व समय एवं निविदा खोलने की तारीख जिस पर पता उप महाप्रबंधक (ई.एस.) भापासंम - 507 116 होना चाहिए और उप महाप्रबंधक (ई.एस.) के ड्राफ्ट बाक्स आखिरी तारीख के अंदर डालना होगा Both the envelopes shall be placed in another envelope with due mention of Name of work, date & time of opening of tenders **addressed to Deputy General Manager (Process), Heavy Water Plant, Manuguru- 507 116** and shall be **dropped in the tender box** placed at **Deputy General Manager (Process) office** on or before last date and time of submission as notified.
- (m) ठेकेदार 'निविदा के उपक्रम' अपने लेटरहेड, स्कैन और तकनीकी बोली के साथ अपलोड पर मुद्रित हस्ताक्षर करेगा। अन्य दस्तावेज़" के साथ मूल दस्तावेज प्रस्तुत करना होगा। Contractor shall sign the 'Tender Undertaking' printed on their Letter Head, scanned and uploaded with Technical Bid. Original submitted with "Other Documents" as above.
- (n) अपलोड लिए बुलाया सभी जानकारी रूपों में प्रासंगिक कॉलम के खिलाफ प्रस्तुत किया जाना चाहिए। किसी भी कारण के लिए, सूचना एक अलग शीट पर प्रस्तुत किया जाता है, इस तथ्य को प्रासंगिक स्तंभ के खिलाफ उल्लेख किया जाना चाहिए। यहां तक कि अगर कोई जानकारी एक कॉलम में उपलब्ध कराया जा रहा है, एक "शून्य" या "ऐसा कोई मामला" प्रविष्टि उस स्तंभ में बनाया जाना

चाहिए। अगर किसी भी ब्यौरे / केरी बोली लगाने के मामले में लागू नहीं है, यह के रूप में लागू नहीं "कहा जाना चाहिए। बोलीदाताओं आगाह कर रहे हैं कि आवेदन फार्म में है या नहीं निर्धारित प्रपत्रों में स्पष्ट शब्दों में यह दे रही है या बनाने के लिए किसी भी परिवर्तन या जानबूझ कर दबा जानकारी बोली में परिणाम हो सकता है सरसरी तौर पर अयोग्य घोषित किए जाने के लिए कहा जाता है पूरी जानकारी नहीं दे रही है। All information called for in the uploaded forms should be furnished against the relevant columns in the forms. If for any reason, information is furnished on a separate sheet, this fact should be mentioned against the relevant column. Even if no information is to be provided in a column, a "nil" or "no such case" entry should be made in that column. If any particulars/query is not applicable in case of the bidder, it should be stated as "not applicable". The bidders are cautioned that not giving complete information called for in the application forms or not giving it in clear terms or making any change in the prescribed forms or deliberately suppressing the information may result in the bid being summarily disqualified.

- (o) ऑनलाइन निविदा दस्तावेज के प्रस्तुत करने के साथ किसी भी समस्या के मामले में, आवेदक 4.2 में उल्लेख मोबाइल और ई-मेल पर हेल्प डेस्क की सहायता राशि या मदद मैनुअल और अन्य जानकारी ने कहा कि वेबसाइट पर दी गई उपयोग करता हो सकती In case of any problem with the submission of the online tender document, the applicant may have the assistance of help desk on mobile and e-mail mentioned at 4.2 or uses the help manual and other information given on the said website.

3.5 स्कैन एवं अपलोड किए जान वाले दस्तावेज **LIST OF DOCUMENTS TO BE SCANNED AND UPLOADED.**

(सभी स्कैन और अपलोड दस्तावेजों की प्रमाणित प्रतियां शारीरिक वित्तीय साधनों के साथ साथ प्रस्तुत किया जाना चाहिए)

- 1) नवीनतम बैंक शोधन क्षमता प्रमाणपत्र और फार्म डी - धारा VII.
 - 2) फार्म 'ए' के प्रारूप में पिछले 7 साल में पूरा समान काम करता है की सूची (धारा VII)
 - 3) फार्म 'बी' के स्वरूप में काम करता हाथ की सूची में (धारा VII.)
 - 4) वैध प्रमाण पत्र:
 - क) प्रत्यायन / पंजीकरण प्रमाण पत्र, यदि कोई हो
 - ख) कार्य अनुभव / प्रदर्शन प्रमाण पत्र का प्रमाण पत्र
 - ग) बिक्री कर / वैट / WCT/सेवा कर और तारीख तक की पावती के लिए पंजीकरण का प्रमाण पत्र वापस दायर किया।
 - घ) टिन पंजीकरण प्रमाणपत्र
 - ङ) पैन (स्थायी खाता संख्या) पंजीकरण
 - च) लेबर लाइसेंस।
 - 9) डीआर/ डीडी / पीओ / ईएमडी के खिलाफ किसी भी अनुसूचित बैंक के ई.पू.
 - 10) ईएमडी के खिलाफ किसी भी अनुसूचित बैंक की बैंक गारंटी (अगर कोई है)।
 - 11) प्रोसेसिंग शुल्क की लागत की दिशा में ई-भुगतान रसीद की प्रति।
 - 12) उपक्रम है कि पात्र इसी तरह के काम (s) वापस आधार को पीठ पर एक और ठेकेदार के माध्यम से क्रियान्वित नहीं किया गया है। तकनीकी बोली के अनुसार निविदा उपक्रम के हस्ताक्षरित पत्र।
 - 13) प्री-बिड स्पष्टीकरण किसी भी निविदाएं तकनीकी बोली में संकेत के रूप में की बिक्री के पास होने के बाद विभाग द्वारा जारी किए गए हैं।
 - 14) कोई अन्य दस्तावेज निविदा दस्तावेज के किसी भी हिस्से के रूप में निर्दिष्ट।
- नोट: मूल प्रमाण पत्र की स्कैन किए गए प्रतिलिपि अपलोड किया जा सके। ईएमडी / निविदा प्रोसेसिंग शुल्क और अन्य दस्तावेजों को स्कैन और निविदा जमा करने और मूल की अवधि के भीतर ई-निविदा वेबसाइट पर अपलोड 3.5 (एल) से ऊपर 3.5 (i) में निर्दिष्ट के रूप में जमा किया जाना चाहिए आगे की जानकारी यदि किसी भी विभाग द्वारा आवश्यक निविदाएं / तकनीकी बोली के उद्घाटन के बाद / दौरान प्रस्तुत किया जाएगा।

(Certified Copies of all the scanned and uploaded documents to be submitted along with Physical Financial instruments)

- 1) Latest **Bank Solvency** Certificate and Form D – Section VII.
- 2) List of **Similar Works** completed in last 7 years in the format of Form ‘A’ (Section VII)
- 3) List of **Works In Hand** in the format of Form ‘B’ (Section VII)
- 4) Valid Certificates of:
 - a. Accreditation /**Registration certificate**, if any
 - b. Certificates of Work Experience / **Performance Certificates**
 - c. Certificate of **Registration** for **GST** and Acknowledgement of upto date filed Return.
 - d. **TIN** Registration Certificate
 - e. **PAN** (Permanent Account Number) Registration
 - f. **Labour License**.
- 9) DR/DD/PO/BC of any Scheduled Bank against **EMD**
- 10) Bank Guarantee of any Scheduled Bank against EMD (if any).
- 11) Copy of e-payment receipt towards cost of **Processing Fee**.
- 12) **Undertaking** that the eligible similar work(s) have not been executed through another Contractor on back to back basis. Signed letter of tender undertaking as per Technical Bid.
- 13) Pre-bid clarifications if any issued by the Department after close of sale of tenders as indicated in the Technical Bid.
- 14) Any other Document as specified in any part of tender document.

Note: Scanned copy of original certificates to be uploaded. EMD/Tender Processing Fee and other documents shall be scanned and uploaded to the e-tendering website within the period of tender submission and original should be deposited as specified in 3.5(i) to 3.5(l) above. Further details if any required by the department shall be submitted during /after opening of tenders/ technical bid.

3.6 आवेदकों को निविदा दस्तावेज के संबंध में उपर्युक्त समय-समय पर (बोली प्रस्तुत करने के लिए समय सीमा तक) किसी भी अद्यतन या शुद्धिपत्र के लिए वेब साइटों पर जाकर, अगर किसी भी रखने की सलाह दी जाती है। ऐसा करने में विफलता यदि कोई हो, बोलियों सहित अद्यतन / शुद्धिपत्र उसके सभी संबंध में पूरा प्रस्तुत करने के लिए उसकी देनदारियों के आवेदक दोषमुक्त नहीं करेगा। अधूरी बोली प्रस्तुत अस्वीकृति के लिए जिम्मेदार हो सकता है Applicants are advised to keep visiting the above mentioned web-sites from time to time (till the deadline for bid submission) for any **updates or corrigendum** in respect of the tender documents, if any. Failure to do so shall not absolve the applicant of his liabilities to submit the bids complete in all respect including updates/corrigendum thereof, if any. An incomplete bid submission may be liable for rejection.

3.7 निविदाकर्ताओं उनके प्रस्ताव प्रस्तुत करने के लिए, अच्छी तरह से नियत तारीख और समय से पहले अपने दस्तावेजों को अपलोड / अंतिम मिनट सर्वर या अपलोड करने में जटिलताओं पर भीड़ से बचने के लिए सलाह दी जाती है। भापाबो / भापासंम दस्तावेज प्रस्तुत करने में या सर्वर और तकनीकी समस्याओं सहित किसी भी कारण के लिए दस्तावेजों को अपलोड करने में समस्या का किसी भी प्रकार के लिए किसी भी देरी के लिए जिम्मेदार नहीं होगा। The tenderers are advised to **submit** their **offer**/ upload their documents well **before the due date and time**, to avoid last minutes rush on the server or complications in uploading. HWB/HWPM shall not be responsible for any delay in submission of documents or for any type of problem in uploading the documents for any reason including server and technical problems.

3.8 अपूर्ण एवं विलिंबित निविदाएँ **Incomplete and late Tenders:**

- (क) टेंडर नोटिस में उल्लेख से पहले फीस की मूल और और पैरा नं 2 एवं 3 में उल्लेख के अनुसार पात्रता मानदंड के रूप में प्रमाण पत्र अन्य आवश्यकताओं की प्रतियां प्रस्तुत करने में विफल रहता है निविदाकर्ता के प्रस्ताव को सरसरी तौर पर खारिज कर दिया जाएगा और आगे की कार्रवाई नहीं की जाएगी।

- (ख) विलंबित मूल में साख और शुल्क (निविदा शुल्क / निविदा प्रोसेसिंग शुल्क / ईएमडी) का / देर से जमा करने पर विचार नहीं किया जाएगा।
- (ग) किसी भी निविदाकर्ता किसी वैध कारण के बिना प्रस्ताव को अपलोड करने के बाद मूल के प्रस्तुत करने में विफल करने को दोहराता है, तो निविदाकर्ता एक वर्ष की न्यूनतम अवधि के लिए भाग लेने से वंचित कर दिया जाएगा।
- (घ) देरी या देर प्रस्तावों को सरसरी तौर पर खारिज कर दिया जाएगा। विभाग के डाक देरी के लिए जिम्मेदार नहीं होगा।

- (a) The offer of tenderer who fails to submit originals of fee and copies of certificates as per the eligibility criterion and other requirements mentioned at Para No 2 and 3 on or before the time and date mentioned in the tender notice will be summarily rejected and will not be processed further.
- (b) Delayed /late submission of credentials and fee (Tender Fee/Tender Processing Fee/EMD) in originals will not be entertained.
- (c) If any tenderer repeats to fail in submission of originals after uploading the offer without any valid reason, the tenderer will be debarred from participation for a minimum period of one year.
- (d) The Delayed or late offers will be summarily rejected. Department will not be responsible for Postal delays.

3.9 अवैध निविदाएँ Invalid Tenders:

प्रस्तुत किया गया बोली अवैध और बोली और ई-टेंडरिंग प्रोसेसिंग शुल्क की लागत यदि वापस नहीं किया जाएगा:

- (I) बोलीदाता को अयोग्य पाया जाता है।
- (ii) बोली लगाने वाले सभी दस्तावेजों (अनिवार्य स्कैन किए गए दस्तावेजों, तकनीकी वाणिज्यिक बोली (भाग 'ए') और वित्तीय बोली (भाग 'बी'), बिक्री कर / वैट के लिए पंजीकरण का प्रमाण पत्र, सेवा कर, और अन्य अपलोड नहीं करता दस्तावेज निर्धारित अवधि के भीतर बोली दस्तावेज में निर्धारित की गई है।
- (iii) कोई विसंगति दस्तावेज ऑनलाइन बोली जमा करने की समय पर अपलोड के रूप में और हार्ड प्रतियां लिफाफे (शुल्क एवं अन्य दस्तावेजों) भौतिक रूप से निविदा खोलने प्राधिकरण के कार्यालय में प्रस्तुत में के रूप में के बीच देखा जाता है।
- और सरकार, किसी भी अन्य अधिकार या उपाय पर प्रतिकूल प्रभाव डाले बिना, स्वतंत्रता पर उपरोक्त के रूप में कहा कि बयाना के 50% अर्थदंड करने के लिए किया जाएगा। इसके अलावा निविदाकर्ता काम की फिर से निविदा प्रक्रिया में भाग लेने की अनुमति नहीं दी जाएगी।

The bid submitted shall become invalid and cost of bid & e-Tendering processing fee shall not be refunded if:

- (i) The bidder is found ineligible.
- (ii) The bidder does not upload all the documents (Mandatory scanned documents, Techno-Commercial bid (Part 'A') and Financial bid (Part 'B'), certificate of registration for GST, and other documents as stipulated in the bid document within the prescribed period.
- (iii) Any discrepancy is noticed between the documents as uploaded at the time of submission of bid online and hard copies as submitted in the envelopes (Fee & other documents) physically in the office of tender opening authority.

And the Government 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 re-tendering process of the work.

3.10 निविदाएँ खोलना Opening of Tenders:

- (a) इच्छुक बोलीदाताओं द्वारा प्रस्तुत ऑनलाइन निविदा दस्तावेजों केवल उन बोलीदाताओं की निर्धारित तिथि और समय, जो एम के साथ ई-निविदा प्रोसेसिंग शुल्क जमा किया गया है मेसर्स आईटीआई लिमिटेड और बयाना जमा और अन्य स्कैन और अपलोड दस्तावेजों के क्रम में पाए जाते हैं

Online tender documents submitted by intending bidders shall be opened on the specified date and time only of those bidders, who has deposited e-Tender Processing Fee with M/s ITI Limited and Earnest Money Deposit and other documents scanned and uploaded are found in order.

- (b) भाग 'ए' खोलने के बाद निविदाकार के वित्तीय और तकनीकी क्षमता, समय और गुणवत्ता चेतना, ठेकेदारों द्वारा चलाए जा रहे कार्य स्थलों व कार्यालयों, कार्यों की प्रकृति, निविदाकर्ताओं की संगठनात्मक संरचना, संसाधनों रोजगार के निष्पादन, आवश्यक बाहरी दावों और विवादों, साइट योजना बनाने की क्षमता है आदि और उनके टेक्नो वाणिज्यिक बोली संबंधित दस्तावेजों को कंपनी की प्रवृत्ति बनाने के संबंध में कंपनी का मूल्यांकन किया जाएगा। तदनुसार सक्षम प्राधिकारी द्वारा निविदाकर्ताओं योग्य / अयोग्य घोषित कर दिया जाएगा ।

After opening of Part "A", Tenderer's Financial and technical capability, Time and quality consciousness, contractors ongoing/completed works, work sites & offices, nature of works executed, organizational structures of tenderers, resources required for execution of the job, tendency of the company with regard to making extraneous claims and disputes, site planning ability, tendency of the company to award the work on back to back/subletting etc. and their Techno commercial Bid related documents will be evaluated. Accordingly, tenderers will be qualified/disqualified by the Competent Authority.

- (d) बोलीदाताओं द्वारा किया कार्य का निरीक्षण: काम करता बोली लगाने वाले ने संकेत दिया बेतरतीब ढंग से काम करते हैं, प्रदर्शन की उनकी गुणवत्ता और अनुबंध के दौरान उनका रवैया के मूल्यांकन के लिए विभाग द्वारा निरीक्षण के लिए चयन किया जाएगा। बोली लगाने में योग्यता में निष्पादन के लिए वेतेज दिया जाएगा।

Inspection of works done by Bidders: The works indicated by the bidder will be randomly selected for inspection by the department for assessment of their quality of work, performance and their attitude during the contract. Due weightage will be given for performance in qualifying in the bidder.

- (e) भाग-ए खोलने के बाद निविदा में कोई संशोधन की अनुमति नहीं दी जाएगी

No modification in the tender shall be allowed after opening of Part "A."

- (e) भाग-बी (वित्तीय बोली) निट में योग्यता अर्हता प्राप्त करने के बाद एवं और भाग-1 (तकनीकी बोली) में पात्रता मानदंड को मूल्यांकन के बाद खोला जाएगा । इसलिए बोलीदाताओं भाग- I (तकनीकी बोली) अपने आप में दस्तावेजों के साथ अपेक्षित डेटा प्रस्तुत करना आवश्यक है। ठेकेदार के लिए लॉग इन और खोलने के बाद बोली स्थिति देख सकते हैं।

Part-B (Financial Bid) will be opened (Date to be notified separately) only of those bidders who qualify eligibility criterion mentioned in NIT and evaluation of Part-I (Technical Bid). Therefore, bidders are required to submit the requisite data with documents in Part-I (Technical Bid) itself. Contractors can login and see the status of Bids after opening.

- 4 भावी एजेंसियों खुद को निविदा जमा करने से पहले सभी एनआईटी मानदंडों को पूरा करने का पूरा करेगा। विभाग एनआईटी शर्तों को पूरा नहीं कर एजेंसियों और / या प्रतिकूल रिपोर्ट होने की निविदा के गैर विचार का अधिकार सुरक्षित रखता है। यह पाया जाता है कि निविदा उचित तरीके से प्रस्तुत नहीं कर रहा है, या बेतुका दरों में यह सरकार निविदा की अनदेखी करने के लिए खोल दिया जाएगा शामिल हैं।

Prospective agencies shall satisfy themselves of fulfilling all the NIT criteria before submission of tender. Department reserves the right of non consideration of tender of the agencies not fulfilling the NIT stipulations and / or having adverse report. If it is found that the tender is not submitted in the proper manner, or contains absurd rates it will be open for the Government to ignore the tender.

- 5 बोली लगाने वाले या उसके एजेंट की ओर से कोई प्रयास प्रभाव करने या दबाव डालने के लिए नियोक्ता अपनी बोली की अस्वीकृति में परिणाम होगा। निविदाओं सख्त वर्जित है और निविदाओं ठेकेदारों जो प्रचार का सहारा द्वारा प्रस्तुत करने के संबंध में प्रत्यक्ष अथवा परोक्ष रूप से किसी भी तरह के प्रचार, अस्वीकृति के लिए उत्तरदायी होगा ।

Any effort on the part of the bidder or his agent to exercise influence or to pressurize the employer would result in rejection of his bid. Canvassing of any kind whether directly or indirectly, in connection with tenders is strictly prohibited and the tenders submitted by the contractors who resort to canvassing will be liable to rejection.

- 6 जिस ठेकेदार की कोई भी रिश्तेदार (ठेके के निष्पादन के लिए जिम्मेदार है) सहायक लेखा अधिकारी या अभियंता/वैज्ञानिक अधिकारी या वैज्ञानिक सहायक (दोनों मिलाकर) के पद है उन ठेकेदारों को निविदा प्रस्तुत करने की अनुमति नहीं दी जेगी । उन्हें उनके नाम की सूचना देना होगा और भापासंम/भापाबो या किसी भी पऊवि यूनिट में राजपत्रित अधिकारी के रिश्तेदारों को उनक द्वारा रोजगार दिया गया हो । ठेकेदार द्वारा इस हालत के किसी भी उल्लंघन के लिए उसे जिम्मेदार इस विभाग के ठेकेदारों की अनुमोदित सूची से हटा दिया जाएगा ।

The contractor shall not be permitted to tender for works in HWPM in which his near relative (responsible for award and execution of contracts) is posted as Assistant Accounts Officer or as an officer in any capacity between the grades of Engineer/ Scientific Officer and Scientific Assistant (both inclusive). He shall also intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relatives to any Gazetted officer in HWPM/HWB or in DAE. Any breach of this condition by the contractor would render him liable to be removed from the approved list of contractors of this Department.

- 7 राजपत्रित पद या इंजीनियरिंग या भारत सरकार के एक इंजीनियरिंग विभाग में प्रशासनिक कर्तव्यों में कार्यरत अन्य राजपत्रित अधिकारी का कोई इंजीनियर, सरकारी सेवा से सेवानिवृत्त लेने के बाद एक वर्ष की अवधि के लिए एक ठेकेदार के रूप में काम करने के लिए अनुमति नहीं दी जाएगी । निविदा प्रस्तुत करने से पूर्व भारत सरकार से अनुमति नहीं ली है तो उनके ठेके का रद्द किया जा सकता है । No Engineer of Gazetted rank or other Gazetted officer employed in Engineering or Administrative duties in an Engineering Department of the Government of India is allowed to work as a contractor for a period of one year after his retirement from Government service, without the previous permission of the Government of India in writing. This contract is liable to be cancelled if either the contractor or nay of his employees is found any time to be such a person who had not obtained the permission of the Government of India as aforesaid before submission of the tender or engagement in the contractor's service.
- 8 कार्यों के लिए निविदाओं की ऑनलाइन जमा के समापन की अंतिम तिथि से 90 (नब्बे) दिनों की अवधि के लिए स्वीकृति के लिए टेंडर खुला रहेगा /मान्य रहेगा । कोई निविदाकर्ता उक्त अवधि या स्वीकृति का पत्र जारी, पहले ही, या जो भी करता है इससे पहले कि उसकी निविदा वापस ले लेती है तो नियमों और निविदा की शर्तों जो विभाग को स्वीकार्य नहीं हैं, या किसी भी पूर्व अपेक्षित शुल्क का भुगतान करने से मना कर में किसी भी संशोधन , या अनुस्मारक के साथ किसी भी शर्त शुल्क का भुगतान नहीं करते हैं, या प्रस्तुत नहीं करते अनुस्मारक के साथ किसी भी अपेक्षित दस्तावेज तो सरकार होगी, किसी भी अन्य अधिकार या उपाय पर प्रतिकूल प्रभाव डाले बिना, स्वतंत्रता पर उपरोक्त के रूप में कहा कि बयाना के 50% अर्थदंड करने के लिए किया जाना है। इसके अलावा, निविदाकर्ता काम की फिर से निविदा प्रक्रिया में भाग लेने की अनुमति नहीं दी जाएगी।

The **tender** for the works **shall remain open/kept valid** for acceptance for a period of **90 (ninety)** days from the last date of closing of online submission of tenders. 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 department, or refuse to pay any pre-

requisite fee, or do not pay any prerequisite fee with reminders, or do not submit any requisite document with reminders then the Government 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 re-tendering process of the work.

- 9 यदि आवेदक द्वारा दी गई जानकारी एक बाद में मंच पर गलत पाया जाता है, वे निविदा / ऊपर हमेशा के लिए भविष्य में भापासंम / भापाबो में काम करता लेने से वंचित कर दिया करने के लिए उत्तरदायी होगा। इसके अलावा अगर इस तरह के उल्लंघन काम की शुरुआत से पहले विभाग के ध्यान में आता है, इंजीनियर-इन-चार्ज ईएमडी और निष्पादन गारंटी की पूरी राशि अर्थदंड करने के लिए स्वतंत्र होगा। **IF ANY INFORMATION FURNISHED** by the applicant is **found to be incorrect** at a later stage, they shall be liable to be debarred from tendering / taking up works in HWPM/HWB in future forever. Also if such a violation comes to the notice of Department before start of work, the Engineer-in-charge shall be free to forfeit the entire amount of EMD and Performance Guarantee.
- 10 विभाग के पास यह अधिकार होगा कि (क) अनुबंध के मूल्य में संशोधन (ख) कोई कारण बताए बिना किसी भी या सभी आवेदन को अस्वीकार विभाग अधिकार सुरक्षित रखता है,

The Department reserves the right, without being liable for any damages or obligation to inform the bidder to a) Amend the scope and value of contract. b) Accept/ Reject any or all the applications without assigning any reason thereof.

- 11 एक या अधिक आइटम जोड़ने के लिए अधिकार ।
भापाबो / भापासंम को करार के पहले या बाद में निविदा में एक या एक से अधिक आइटम जोड़ने का अधिकार होगा। क्रम में स्थानीय विकास, नियंत्रण निकायों, साइट की स्थिति, आइटम के निष्पादन में कुछ बदलाव कर संगठन के नवीनतम आवश्यकताओं के साथ अनुपालन करने के लिए वॉरंटेड किया जा सकता है।

RIGHT TO OMIT OR ADD ONE OR MORE ITEMS.

The HWB/HWPM shall have the right to omit or add one or more items put in the tender either before or after an agreement for the work is entered into. In order to comply with the latest requirements of the Organization, local development, control bodies, site conditions, certain variations in the execution of items may be warranted.

- 12 भारत के राष्ट्रपति की ओर से सक्षम प्राधिकारी के लिए बाध्य नहीं है सबसे कम या किसी अन्य निविदा स्वीकार करने के लिए, और खुद को भंडार अधिकार किसी एक या निविदाओं के सभी एक कारण के काम के बिना प्राप्त अस्वीकार करने के लिए। सभी निविदाओं जिसमें निर्धारित शर्तों के किसी भी पूरा कर रहे हैं नहीं है या अधूरा या सशर्त छूट की है कि सहित किसी भी हालत आगे निविदाकर्ता द्वारा लगाया जाता है सरसरी तौर पर अस्वीकार कर दिया जाएगा।

The competent authority on behalf of President of India does not bind himself to accept the lowest or any other tender, and reserves to himself the authority to reject any or all of the tenders received without the assignment of a reason. All tenders in which any of the prescribed conditions are not fulfilled or incomplete or any condition including that of conditional rebate is put forth by the tenderer shall be summarily rejected.

- 13 भारत के राष्ट्रपति की ओर से सक्षम प्राधिकारी ने खुद को पूरे या निविदा और निविदाकर्ता का ही हिस्सा स्वीकार करने का अधिकार सुरक्षित रखता है और निविदाकार को उद्धृत दरों पर ही निष्पादन करने के लिए बाध्य किया जाएगा

Competent authority on behalf of President of India reserves to himself the right of accepting the **whole or only part of the tender** and the tenderer shall be bound to perform the same at the rates quoted.

14 स्थल का दौरा Site Visit:

- (i) निविदाकार को कार्य एवं कार्य की प्रकृति एवं स्थान के बारे में खुद को परिचित करना होगा और इस संबंध में किसी भी विषय पर विचार नहीं किया जाएगा । The tenderer shall acquaint themselves with the work and working conditions of the site and locality and no claim will be entertained for these issues.
- (ii) इच्छुक निविदाकार को सलाह दी जाती है कि निविदा प्रस्तुत करने से पूर्व स्थल एवं इसके आसपास प्रकृति के बारे में जांचे । आवास वे आवश्यकता होने पर और सामान्य रूप से स्वयं को जोखिम, आकस्मिक व्यय और अन्य परिस्थितियों जो प्रभावित या अपनी निविदा को प्रभावित कर सकता है । Intending Tenders are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their tenders as to the nature of the ground and sub-soil (so far as is practicable and applicable), 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.
- (iii) निविदाकर्ता को स्थल के बारे में पूर्ण जानकारी होना चाहिए किसी भी गलतफहमी पर फलस्वरूप या कोई अतिरिक्त शुल्क की अनुमति नहीं दी जाएगी । A tenderer shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charges consequent on any misunderstanding or otherwise shall be allowed.
- (iv) निविदाकर्ता की अपनी लागत पर सभी सामग्री, उपकरण और पौधों, पानी, बिजली का उपयोग, सुविधाओं के श्रमिकों के लिए व्यवस्था करना और सभी अन्य सेवाओं के काम को क्रियान्वित जब तक अन्यथा विशेष अनुबंध दस्तावेजों में के लिए प्रदान करने के लिए आवश्यक बनाए रखने के लिए जिम्मेदार होंगे। The tenderer 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.
- (v) सफल निविदाकर्ता, सीजीएसटी / आईजीएसटी / यूटीजीएसटी / एसजीएसटी अधिनियम के तहत पंजीकृत होने के लिए उत्तरदायी है, ठेका प्रदान करने के तुरंत बाद सीजीएसटी / आईजीएसटी / यूटीजीएसटी / एसजीएसटी अधिनियम के तहत आवश्यक अन्य विवरण के साथ ही भापासंम को सौंपेगा, जिसके बिना कोई भुगतान जारी नहीं किया जाएगा। संबंधित प्राधिकारियों को लागू जीएसटी जमा के लिए ठेकेदार जिम्मेदार होगा ।
The successful tenderer is liable to be registered under CGST/IGST/UTGST/SGST Act shall submit GSTIN along with other details required under CGST/IGST/UTGST/SGST Act to HWPM immediately after the award of contract, without which no payment shall be released to the contract. The contractor shall responsible for deposition of applicable GST to the concerned authority.
- (vi) यदि सफल निविदाकर्ता सीजीएसटी / आईजीएसटी / यूटीजीएसटी / एसजीएसटी अधिनियम के तहत पंजीकृत नहीं है, तो भापासंम रिवर्स चार्ज मैकेनिज्म (आरसीएम) के तहत अपने बिलों की दर से लागू जीएसटी कटौती की जाएगी और संबंधित प्राधिकरण को जमा किया जाएगा ।
In case the successful tenderer is not liable to be registered under CGST/IGST/UTGST/SGST Act, the HWPM shall deduct the applicable GST from his/their bills under reverse charge mechanism (RCM) and deposit to the concerned authority.
- (vii) निविदाकर्ताओं निविदा जमा करने से पहले ध्यान से विनिर्देशों और ड्राइंग का अध्ययन करना होगा । ठेकेदारों विनिर्देशों निविदा कार्यक्रम में उल्लेख के अनुसार आवश्यक सामग्री की खरीद करनी चाहिए। स्थिति और अन्य संबंधित मामलों के संबंध में अस्पष्टता के मामले में निविदाएं निर्णय सीजीएम, भापासंम द्वारा उठाए निर्णय किसी भी अंतिम और बाध्यकारी होगा The tenderers shall read the specifications and study the drawing carefully before submitting the tender. The contractors should procure required materials from the choice as per the specifications mentioned in the tender

schedules. In case of ambiguity in regard to conditions and other related matters if any with the Tenders the decision taken by the GM, HWPM shall be final and binding.

15 स्थल का दौरा Plant Visit:

सुरक्षा कारणों से बोलीकर्ता (या) उनके प्राधिकृत प्रतिनिधि को बिना अनुमति के संयंत्र में प्रवेश नहीं होगा। बोलीकर्ता को (संयंत्र दौरा/पूर्वबोली स्पष्टीकरण / तकनीकी बिड डालने या अन्य कोई दस्तावेज के लिए) न्यूनतम दो दिन पूर्व उप महाप्रबंधक (ई.एस.) से अनुमति लेनी होगी और संयंत्र के सुरक्षा द्वार पर उसकी जांच की जाएगी और यह अनिवार्य है। अधिक जानकारी के लिए किसी भी कार्य दिस में उप अनुरक्षण प्रबंधक 08746-234450, 08746- 234850, Fax: 08746-224833 से संपर्क करें। Due to the security reasons the bidder (or) their authorized representatives cannot be permitted inside the plant without prior permission. Those bidder(s) who want to enter inside the plant premises (For the purpose of site visit/Pre-Bid clarifications/to drop the Technical Bid and other documents) must intimate **Dy. General Manager (P)** at least 2 working days in advance (to the date of visit) and obtain entry permission and they should complete the security checkup before entry as a statutory requirement. For further information, please contact Dy.MM (I-P) 08746-234450, 08746- 234850, Fax: 08746-224833 during office hours.

16 भाषासंम में कार्यों के निष्पादन के लिए यह अनिवार्य कि संबंधित शुल्क भुगतान करके पुलिस सत्यापन प्रमाण पत्र प्राप्त करना होगा। सफल बोलीदाता जिनकी निविदा स्वीकृत की गई है अपने इंजीनियर्स, पर्यवेक्षकों सहित सभी कर्मचारियों का पुलिस सत्यापन प्रमाणपत्र (पीवीसी) समय-समय पर तेलंगाणा सरकार द्वारा जारी निर्देशों के अनुसार पुलिस अधीक्षक, खम्मम जिला द्वारा आवश्यक शुल्क अदा करके प्रस्तुत करना आवश्यक है। सभी शर्तों और निर्देश समय-समय पर संयंत्र / कालोनी सुरक्षा कर्मियों और सीआईएसएफ द्वारा दिए गए राजनीति, और प्रवेश के लिए पीछा किया जा जाएगा पुरुषों और माल के बाहर निकलने के रूप में भी सुरक्षा के उद्देश्य के लिए काम के निष्पादन के दौरान आवश्यक इस पहलू को पूरा करने के लिए आवश्यक रकम ठेकेदार द्वारा विचार किया जाएगा और तदनुसार बोली चाहिए। इस संयंत्र के राष्ट्रीय महत्व को में रखते हुए सफल बोलीदाता जो भी अनुबंध की सामान्य शर्तों में उल्लेख किया गया है इसके अलावा सुरक्षा उपाय सुनिश्चित करना होगा। समय-समय पर संयंत्र / कालोनी सुरक्षा कर्मियों और सीआईएसएफ द्वारा दिए गए सभी शर्तों और निर्देशों का पालन करना आवश्यक है। इस पहलू को पूरा करने के लिए आवश्यक रकम ठेकेदार द्वारा विचार किया जाएगा और तदनुसार बोली चाहिए। आवश्यक इस पहलू को पूरा करने के लिए आवश्यक रकम ठेकेदार द्वारा विचार किया जाएगा और तदनुसार कोट किया जना चाहिए।

It is mandatory to obtain **Police verification certificates** in respect of labour engaged for execution of works in HWPM by paying requisite fee. The successful Bidder whose tender is accepted will be required to obtain and shall submit Police verification Certificate (PVC) of all the staff including Engineers, supervisors and labours to be engaged for the work at his own cost, through the office of SP, Bhadradi - Kothagudem by paying requisite fee at the rates in force from time to time as per the guidelines issued by the state Government of Telangana Keeping in view the national importance of this plant, the successful bidder shall ensure security measure besides whatever is mentioned in the General Conditions of contract. All stipulations and instructions given by Plant/Colony Security personnel and CISF from time to time shall be scrupulously be followed for entry, exit of men and materials and as also during execution of work for security purpose. The necessary sums required to meet this aspect shall be considered by the contractor and should quote accordingly.

17 बिक्री कर या इस अनुबंध के संबंध में सामग्री पर कोई अन्य कर ठेकेदार द्वारा देय होगा और सरकार को इस संबंध में किसी भी दावे पर विचार नहीं करेगा। Sales Tax or any other Tax on material in respect of this contract shall be payable by the contractor and Government will not entertain any claim whatsoever in this respect.

18 दरें उद्धृत सभी सामग्री, पुरुषों, उपकरण / संयंत्र / मशीनरी सभी मामलों में आइटम के संतोषजनक पूरा करने के लिए आवश्यक समेत होगी और प्रस्ताव प्रस्तुत करने की अंतिम तारीख के अनुसार सभी कर,

शुल्क और लेवी (जी.एस.टी. पर टी.डी.एस सहित) शामिल होना चाहिए । The Rates quoted shall be inclusive of all material, men, equipment/ plant/machinery required for satisfactory completion of item in all respects and should be inclusive of all taxes, duties and levies as applicable as on last date of submission of offer (inclusive of TDS on GST).

19 दरों में अस्पष्टता Ambiguities in rates quoted.

- a) यदि ठेकेदार द्वारा दी गई दरों के बीच मतभेद है तो निम्नलिखित प्रक्रिया का पालन किया जाएगा।
If there are differences between the rates given by the contractor in words and in figures or in amount worked out by him, the following procedure shall be followed.
- b) बोली लगाने वाले बोली केवल आंकड़ों में होगी। शब्दों में दरों, प्रत्येक आइटम और कुल की राशि स्वचालित रूप से उत्पन्न होता है। इसलिए, आंकड़ों में बोलीदाता द्वारा उद्धृत दर सही रूप में लिया जाएगा । The bidder shall quote rates in figures only. The rates in words, amount of each item and total is generated automatically. Therefore, the rate quoted by the bidder in figures shall be taken as correct.
- c) प्रतिशत की दर बोली के मामले में, प्रतिशत के आंकड़े में उद्धृत सही रूप में लिया जाएगा। In the case of percentage rate bid, the percentage quoted in figures shall be taken as correct.
- d) एकमुश्त ठेके में, राशि के आंकड़ों में उद्धृत सही रूप में लिया जाएगा। In Lump Sum Contracts, the amount quoted in figures shall be taken as correct.

- 20** निविदाकर्ता की निविदा को स्वीकार कर लिया है अपने अनुबंध की पूर्ति के लिए निष्पादन गारंटी प्रस्तुत करना आवश्यक है। निष्पादन गारंटी निविदा मूल्य के 5% होगा जो एसबीआई, भापासंम शाखा (कोड सं. 20960) डीडी/वेतन आर्डर/बैंकर्स चेक द्वारा वेतन एवं लेखा अधिकारी, भापासंम के नाम पर होना चाहिए । यदि ठेकेदार निष्पादन गारंटी प्रस्तुत करने में असफल रहता है तो जैसा कि एफ में सूचित किया गया है , विस्तार अवधि सहित विभाग (भापाबो/भापासंम) बिना किसी पूर्व सूचना के बयाना राशि जब्त करने का अधिकार है । इसके अलावा अगर सफल निविदाकर्ता, निर्धारित समय के 1/8 के भीतर काम शुरू करने के लिए विफल रहता है, भारत के राष्ट्रपति या कार्यालय में उनके उत्तराधिकारियों करेगा किसी अन्य अधिकार या कानून में उपलब्ध उपाय पर प्रतिकूल प्रभाव डाले बिना, बयाना राशि अर्थदंड के रूप में जब्त किया जाएगा ।

The tenderer whose offer is accepted is required to furnish Performance guarantee for the due fulfillment of his contract. **Performance Guarantee** shall be **5% of tendered value** in the form of Demand Draft/Pay Orders/Banker's Cheque of a Scheduled Bank issued in favor of Pay & Accounts Officer, HWPM drawn on SBI, HWP (M) Branch. (Code: 20960) including the extended period if any, valid up to period as mentioned in LOI or Order issued by the Department. In case the contractor fails to deposit the said performance guarantee within the period as indicated in Schedule 'F', including the extended period if any, the department (HWPM/HWB) shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely and automatically without any notice to the contractor. Further if the successful tenderer, fails to commence work within 1/8th of the stipulated time, the President of India 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 on submission of PG, the EMD submitted by the successful bidder shall be refunded.

- 21** कार्य के निष्पादन के दौरान, सिक्योरिटी डिपॉजिट (एसडी) विधेयकों चल रहा है और साथ ही अंतिम बिल से कटौती द्वारा एकत्र किया जाएगा । सुरक्षा जमा @ 2.5% प्रस्तुत मूल्य के हो जाएगा। ईएमडी निविदा के साथ प्रस्तुत की एसडी हिस्सा बनेगी। शेष राशि के बिल मूल्य के 5% की दर से कटौती की जाएगी जब तक कुल एसडी राशि बरामद की है । कुल एसडी राशि को डीडी या पे आर्डर या बैंकर्स चेक द्वारा जमा किया जा सकता है जो वेतन एवं लेखा अधिकारी, भापासंम के नाम एसबीआई, भापासंम

शाखा पर पर होना चाहिए । प्रतिभूति जमा सफलतापूर्वक कार्य समापन के बाद (12) बाराह माह के लयबिलिटी अवधि के दौरान वापस किया जाएगा । During execution of work, **Security Deposit (SD)** will be will be collected by deductions from Running Bills as well as final Bill. Security Deposit shall be @ **2.5%** of tendered value. The EMD submitted along with the Tender will form part of the SD. The Balance amount will be deducted at the rate of **5%** of bill value till the total SD amount is recovered. If so desire by the contractor, the total SD amount can be deposited in the form of Demand Draft or Pay Order or Banker's Cheque or Deposit at call Receipt or FDR in favour of Pay & Accounts Officer, HWPM drawn on SBI, HWP (M) Branch. (Code: 20960) and in such case the EMD will be authorized for release. The security deposit will be refunded only after the satisfactory completion of defect liability period of 12 (**Twelve**) months after the actual date of completion of work as a whole wherein all the defects shall be rectified by the contractor at his own cost or after release of final bill whichever is later.

22 करार Agreement:

- समझौते निर्धारित प्रपत्र में सफल बोलीदाताओं (अन्य दस्तावेज के साथ निविदा दस्तावेज) वेब साइट पर अपलोड www.tenderwizard.com/पऊवि के साथ तैयार किया जाएगा । Agreement shall be drawn with the successful bidders in prescribed Form (Tender document along with other document) uploaded on the web site www.tenderwizard.com/DAE.
- बोलीदाताओं के विभिन्न नियमों और कहा कि निविदा जो समझौते के हिस्से के रूप में होगा की शर्तों के अनुसार उनके दरों उद्धृत करेगा। Bidders shall quote their rates as per various terms and conditions of the said tender which will form part of the agreement.
- यह निविदाकर्ता सभी घटक भागों के लिए निविदा दस्तावेज पर हस्ताक्षर करने के लिए की ओर से अनिवार्य होगा। It will be obligatory on the part of the tenderer to sign the tender document for all the component parts.
- ठेकेदार एवं भापासंम द्वारा लिखित करार पर हस्ताक्षर करने के द्वारा इस ठेके का कार्य शुरू होगा और ठेकेदार को यह समझना नहीं चाहिए कि यह कार्य पूर्ण हो गया है जब तक कि करार पर पहले ठेकेदार को हस्ताक्षर करना होगा और उसके बाद भापाबो/भापासंम के प्राधिकृत अधिकारी के हस्ताक्षर करने होगा । The written agreement to be entered into between the contractor and the HWPM shall be the foundation of the rights of both the parties and contract shall not be deemed to be complete until the agreement has first been signed by the Contractor and then by the proper officer authorized by HWB/HWPM to enter into the contract on behalf of the HWB/HWPM.

23 प्राधिकृत प्रतिनिधि Authorized Representative:

निविदा की स्वीकृति पर, ठेकेदार की मान्यता प्राप्त प्रतिनिधि (ओं) के नाम है जो इंजीनियर-इन-चार्ज से निर्देश लेने के इंजीनियर-इन-चार्ज करने के लिए सूचित किया जाएगा के लिए जिम्मेदार होगा। सफल निविदाकर्ता नाम और समापन करार के समय ठेकेदार के तकनीकी सहायक और नियुक्ति के आदेश की इच्छा पत्र के साथ मिलकर ठेकेदार द्वारा नियोजित तकनीकी सहायकों की योग्यता प्रस्तुत करना होगा ।

On acceptance of the tender, the name of the accredited representative(s) of the contractor who would be responsible for taking instructions from the Engineer-In-charge shall be communicated to the Engineer-In-charge. The successful tenderer will have to furnish the name and qualification of the Technical Assistants employed by the contractor together with the willingness letter of the technical assistant and appointment orders of the contractor at the time of the concluding agreement.

- 24 सफल बोलीदाता को काम इस पुरस्कार के बाद, ठेकेदार जो समझौते का एक हिस्सा बनेगी सक्षम प्राधिकारी के अनुमोदन के लिए समय-सीमा और नकदी प्रवाह (कैश फ्लो) विवरण प्रस्तुत करेगा। After award of work to the successful bidder, the contractor shall submit time schedule & cash flow statement for approval of competent authority which will form a part of agreement.

- 25 (i) काम के लिए साइट पर उपलब्ध है The site for the work is available.
- (ii) वास्तु और संरचनात्मक चित्र काम इस पुरस्कार के बाद ठेकेदार द्वारा प्रस्तुत पूरा होने की अनुमोदित कार्यक्रम के अनुसार ही की आवश्यकता के अनुसार चरणबद्ध तरीके से उपलब्ध कराया जाएगा। The architectural and structural drawings shall be made available in phased manner, as per the requirement of the same as per approved program of completion submitted by the contractor after award of work.
- 26 **ब्याज Interest:**
ठेकेदार अंतिम निपटान पर कोई ब्याज का दावा करने के हकदार नहीं होगा। The contractor will not be entitled to claim any interest on arrears which he may be getting on the final settlement of accounts.
- 27 **स्पष्टीकरण और शुद्धिपत्र Clarifications and corrigendum:**
एमएस वर्ड, एमएस एक्सेल, पीडीएफ, वेबसाइट www.tenderwizard.com/DAE में अपलोड किया हुआ स्पष्टीकरण, शुद्धि पत्र संपादित नहीं किया जाना चाहिए या बोलीकर्ताओं द्वारा अपलोड किया जाना चाहिए। इन दस्तावेजों को भी निविदा दस्तावेज का हिस्सा हो जाएगा।
The clarifications, corrigendum uploaded by the department in MS Word, MS excel, PDF, documents in website www.tenderwizard.com/DAE which should not be edited or corrected by bidders and not uploaded by them. These documents shall also be part of tender document.
- 28 निविदाकर्ता द्वारा निविदा जमा करने का तात्पर्य है कि वह AHS इस नोटिस और अन्य सभी अनुबंध दस्तावेजों को पढ़ा है और काम की विशिष्टताओं के बारे में पता किया और शर्तों और दरों की जा करने के लिए बनाया गया है, जिस पर स्टोर, उपकरण और संयंत्र, आदि, सरकार और स्थानीय परिस्थितियों और अन्य कारकों के कार्य के निष्पादन पर असर होने से उसे करने के लिए जारी किया जाएगा।

Submission of a tender by a tenderer 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 government and local conditions and other factors having a bearing on the execution of the work.

- 29 यह निविदा आमंत्रण सूचना संविदा दस्तावेज का एक भाग होगी। स्वीकार करने वाले प्राधिकारी द्वारा उसकी निविदा को स्वीकार करने के बाद, सफल निविदाकर्ता/ठेकेदार को कार्य आरंभ करने की निर्धारित तिथि से 15 दिनों के भीतर, निविदा आमंत्रण सूचना, संविदा की शर्तों जिनमें सामान्य नियमों और निर्देश, संविदा की सामान्य शर्तों का मानक फॉर्म, संविदा के खंड, विशेष खंड, अतिरिक्त शर्तें, विनिर्दिष्टताएं एवं ड्राइंग (यदि हों तो), अनुसूचियों का प्रोफार्मा, संरक्षा कोड, मॉडल नियमों, ठेकेदार श्रम विनियमों, रजिस्ट्रों के प्रोफार्मा, निविदाकर्ताओं को विशेष अनुदेश, फार्म, बोलीकर्ताओं के लिए सूचना एवं अनदेश, स्पष्टीकरण, शुद्धि पत्रों तथा वेबसाइट www.tenderwizard.com/DAE पर पोस्ट किए गए सभी दस्तावेजों तथा एनआईटी में दिए गए सभी दस्तावेजों, निविदा आमंत्रण करते समय अपलोड किए गए सभी दस्तावेजों, बोली जमा कराते समय ऑनलाइन कोट की गई दरों तथा उनकी स्वीकृति तथा अपलोड/जमा किए गए अन्य दस्तावेजों की स्वीकृति एवं इस संबंध में तथा इस निविदा से संबंधित यथालागू दस्तावेजों से मिल कर बनी संविदा पर हस्ताक्षर करने होंगे।

This Notice Inviting Tender shall form a part of the contract document. The successful tenderer/contractor, on acceptance of his tender by the Accepting Authority, shall, within 15 days from the stipulated date of start of the work, sign the contract consisting of Notice inviting tender, Conditions of contract including General rules and directions, Standard form of General conditions of contract, clauses of contract, special clauses, additional conditions, specifications and drawings (if any), proforma of schedules, safety code, Model rules, contractors labour regulations, proforma of registers, special instructions to tenderers, forms, information and instructions for bidders, clarifications, corrigendum and all the documents posted on the website www.tenderwizard.com and other documents as mentioned in the NIT as uploaded at the time of invitation of tender, and the rates quoted online at the time of submission of bid and acceptance thereof and other documents uploaded/ submitted and acceptance thereof together with any correspondence leading there to and all relevant documents related to this tender as applicable.

30. निविदा प्रस्तुत करने से पहले, निविदाकर्ता साइट और कार्यों के क्षेत्र का वास्तविक निरीक्षण कर खुद संतुष्ट हुआ माना जाएगा, सभी शर्तों की उत्तरदायी कार्यों के निष्पादन के दौरान ध्यान में रखा जाएगा और निविदा फॉर्म में दी गई दरें ठेके की सामान्य शर्तों के प्रावधानों के साथ काम पूरा करने के लिए अभियंता की पूरी संतुष्टि हेतु पर्याप्त और सब-मिलाकर है।

Before submitting the tender, the tenderer will be deemed to have satisfied himself by actual inspection of the site and locality of the works, that all conditions liable to be encountered during the execution of the works are taken into account and that the rates quoted in the tender forms are adequate and all – inclusive to accord with the provisions of General Conditions of Contract for the completion of the works to the entire satisfaction of the engineer.

31. केंद्रीय माल और सेवा कर अधिनियम 2017 (सीजीएसटी) / एकीकृत माल और सेवा कर अधिनियम, 2017 (आईजीएसटी) / संघ क्षेत्र के सामान और सेवा कर अधिनियम, 2017 (यूटीजीएसटी) / संबंधित राज्य के राज्य माल और सेवा कर अधिनियम, 2017 (एसजीएसटी) के रूप में भी केंद्रीय / राज्य सरकार द्वारा अधिसूचित और बोली के पूर्व समय-समय पर संशोधन और लागू कर। निविदाकर्ता यह सुनिश्चित करें कि इन्पुट टैक्स क्रेडिट (आईटीसी) का लाभ उनके द्वारा लिया जा सकता है, वैसे दरों को उद्धृत करते हुए माना जाता है।

The tenderers will examine the various provisions of the Central Goods and Services Tax Act-2017(CGST)/Integrated Goods and Services Tax act, 2017(IGST)/Union territory Goods and Service tax Act, 2017(UTGST)/respective States' State Goods and Service Tax Act, 2017(SGST) also as notified by Central/State Govt. & as amended from time to time and applicable taxes before binding. Tenders will ensure that full benefit of Input Tax Credit (ITC) likely to be availed by them is duly considered while quoting rates.

32. सफल निविदाकर्ता, सीजीएसटी / आईजीएसटी / यूटीजीएसटी / एसजीएसटी अधिनियम के तहत पंजीकृत होने के लिए उत्तरदायी है, ठेका प्रदान करने के तुरंत बाद सीजीएसटी / आईजीएसटी / यूटीजीएसटी / एसजीएसटी अधिनियम के तहत आवश्यक अन्य विवरण के साथ ही भापासंम को सौंपेगा, जिसके बिना

कोई भुगतान जारी नहीं किया जाएगा। संबंधित प्राधिकारियों को लागू जीएसटी जमा के लिए ठेकेदार जिम्मेदार होगा ।

The successful tenderer is liable to be registered under CGST/IGST/UTGST/SGST Act shall submit GSTIN along with other details required under CGST/IGST/UTGST/SGST Act to HWPM immediately after the award of contract , without which no payment shall be released to the contract. The contractor shall responsible for deposition of applicable GST to the concerned authority.

33. यदि सफल निविदाकर्ता सीजीएसटी / आईजीएसटी / यूटीजीएसटी / एसजीएसटी अधिनियम के तहत पंजीकृत नहीं है, तो भापासंम रिवर्स चार्ज मैकेनिज्म (आरसीएम) के तहत अपने बिलों से 18% की दर से लागू जीएसटी कटौती की जाएगी और संबंधित प्राधिकरण को जमा किया जाएगा ।

In case the successful tenderer is not liable to be registered under CGST/IGST/UTGST/SGST Act, the HWPM shall deduct the applicable GST from his/their bills under reverse charge mechanism (RCM) and deposit to the concerned authority.


(अरुण बोस Arun Bose)

महाप्रबंधक General Manager,

भारी पानी संयंत्र (मणुगुरु) Heavy Water Plant, Manuguru,
भारत के राष्ट्रपति के लिए एवं की ओर से
For and on behalf of The President of India.

भारत सरकार Government of India
परमाणु ऊर्जा विभाग Department of Atomic Energy
भारी पानी संयंत्र (मणुगूरु) Heavy Water Plant (Manuguru)

डाक-गौतमी नगर PO: Gautaminagar,
अश्वपुरम Aswapuram 507 116,
भद्राद्री कोत्तगुडेम जिल्ला
Bhadradri Kothagudem Dist.
तेलंगाणा राज्य Telangana State

Ref. No.भापासं(म)HWP(M)/IR/21/2020/171

दिनांक Dt : 16.05.2020

परिपत्र CIRCULAR

विषय Sub: न्यूनतम मज़दूरी अधिनियम, 1948-न्यूनतम मज़दूरी का संशोधन के संबंध में।
Minimum Wages Act, 1948 - Revision of Minimum Wages – Reg.

भारी पानी संयंत्र, मणुगूरु स्थल और कॉलोनी के सभी ठेकेदारों को सूचित किया जाता है कि क्षेत्रीय श्रम आयुक्त(केन्द्रीय), हैदराबाद ने औद्योगिक कामगारों एवं सुरक्षा कर्मियों के न्यूनतम मज़दूरी का संशोधन अधिसूचित किया है, जो न्यूनतम मज़दूरी अधिनियम, 1948 के तहत विभिन्न अनुसूचित रोजगारों के लिए दिनांक 01.04.2020 से लागू कर रहे हैं। तदनुसार, मज़दूरी की न्यूनतम दरें 01.04.2020 से निम्नानुसार हैं:

All the Contractors at HWP(M) Site and HWP(M) Colony are hereby informed that the Regional Labour Commissioner (C), Hyderabad has notified the revision of minimum rates of wages for Industrial Workers & Security personnel, which are applicable w.e.f. 01.04.2020 in various scheduled employments notified under the Minimum Wages Act, 1948. Accordingly, the minimum rates of wages payable w.e.f. 01.04.2020 are as under :

क्रमांक Sl. No	श्रेणी Category	01/04/2020 से प्रतिदिन न्यूनतम मज़दूरी दर Daily rate of Minimum wages w.e.f. 01/04/2020
1.	कुशल Skilled	593.00
2.	अर्ध कुशल Semi – skilled	492.00
3.	अकुशल Un-skilled	420.00
4.	लिपिकीय Clerical	593.00
5.	चालक बुलडोजर / अर्थमूविंग मशीन चालक / रोड रोलर चालक Driver Bull Dozer / Earth moving machine driver / Road roller driver	695.00
6.	ट्रैक्टर चालक Tractor Driver	492.00
7.	पंप इंजिन / मोटार मिल चालक Pump Engineer / Motor Mill Driver	492.00
8.	पंप / इंजन क्लीनर, हैमर आदमी, फायरमैन Pump/Engine Cleaner, Hammer Man, Fireman	420.00
9.	सुरक्षा गार्ड Security Guard	593.00
10.	सुपरवाइजर (सुरक्षा) Supervisor (Security)	695.00

सभी ठेकेदारों से अनुरोध है संशोधित न्यूनतम मज़दूरी दरों को ईमानदारी से कार्यान्वित करें। All the Contractors are requested to implement the revised Minimum Wages scrupulously.


(श्रीमती सजिता एस. नायर Smt. Sajitha S. Nair)
प्रशासनिक अधिकारी Administrative Officer-III

सभी ठेकेदार All Contractors / सभी सूचनापट्ट All Notice Boards.

प्रति / Copy to: मुख्य महाप्रबंधक / उप महाप्रबंधकगण (पी/ ईएस/यू) / मुप्रअ/उलेनि / सभी प्रबंधकगण/उप
प्रबंधकगण/सकास(सा)/सहा.निद.(राभा) CGM/ DGM (U/ES/P) / CAO / DCA / All Managers /
Dy. Managers / APO(G) / AD(OL).

प्रति Cc to: क्षेत्रीय श्रम आयुक्त(केन्द्रीय), हैदराबाद Regional Labour Commissioner, Hyderabad.
सहायक श्रम आयुक्त (केन्द्रीय), हैदराबाद / Asst. Labour Commissioner (C), Hyderabad.
श्रम प्रवर्तन अधिकारी(केन्द्रीय) / Labour Enforcement Officer (Central), Kothagudem.

GOVERNMENT OF INDIA
DEPARTMENT OF ATOMIC ENERGY
HEAVY WATER PLANT (MANUGURU)
Post: Gauthami Nagar,
Aswapuram - 507116
Bhadradi kothagudem Dist T.S]

ITEM RATE TENDER & CONTRACT FOR WORKS

Tender for the work of: Maintenance of Control Valves during MTA-2020 in Main Plant of Heavy Water Plant (Manuguru).

- (i) To be submitted by 14:00 hours on 23/07/2020 to DGM (P), HWP (M)
- (ii) To be opened in presence of tenderers who may be present at 14:30 hours on 23/07/2020 in the office of Dy General Manager (Process), HWP (M)

Issued to:
Signature of officer issuing the documents:
Designation: Date of issue:

TENDER

I/We have read and examined the notice inviting tender, Schedule [form of HWP (M)], 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' / the tender document, Schedule of Quantities and accordance in all respects with the specifications, designs, drawings and instructions in writing referred to Rule – 1 of General Rules and Directions and in Clause 11 of the Conditions of the contract and with such materials are provided for, by, and in respects in accordance with, such conditions so far as applicable.

We agree to keep the tender open for ninety (90) days from the due date of its opening/ninety days from the date of opening of financial bid in case tenders are invited on 2/3 envelope system and not to make any modifications in terms and conditions.

A sum of `...../- is hereby forwarded in cash/receipt treasury challan /deposit at call receipt of a scheduled bank / fixed deposit receipt of scheduled bank / demand draft of a scheduled bank / bank guarantee issued by a scheduled bank as earnest money. If I/We, fail to furnish the prescribed Performance Bank Guarantee within period, I/we agree that the said President of India or his successor 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 to commence work as specified, I/we agree that President of India or is successor 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 Bank guarantee absolutely, otherwise the said earnest money shall be retained by him towards security deposit to execute all the works referred to 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' / in the tender document 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 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 there from 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.

Dated:

Signature of the Contractor
Postal Address

Witness:

Address:

Occupation:

ACCEPTANCE

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

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

- (a)
- (b)
- (c)

For & on behalf of President of India
Signature.....

Tender Number : HWPM/I-P/XU-II/MTA-2020/2A
Name of the work : Maintenance of Control Valves

Schedule of Quantities and rates

Item No	Description	Unit	Qty	Unit Rate (Rs)	Total Cost (Rs)
1	Total Over hauling of control Valves maintenance & Testing Size of the valves: 1"&1 1/2"_ 8 Nos/ 2" – 7 Nos/ 3" - 1No, 6"- 5 Nos , 8" – 5 Nos, 24" -4Nos Job involves dismantling of gear box/valve assembly/Actuator chamber and inspection of valve internals/ replacement of gland packings/replacement of damaged parts as recommended by dept.in-charge. After assembling of all parts valve testing and calibration is to be done	Nos	30		
2	Calibration and minimum maintenance of control valves (Without dismantling) Size of the valves: 1"&1 1/2"-37 Nos/ 2" – 19 Nos/3"- 20Nos/ 4"-14 Nos/6"- 25 Nos/8"-8Nos/10-12"-5No Job involves A) Maintenance of gearbox connected gear sector/adding of gland packing/ tightening of all fasteners. B) Maintenance of valve connected accessories AFRs / I/P converter /Valve positioner i.e replacement of filters and tightening of all fasteners and checking air throughput/ Cleaning of relay, nozzle and restrictions and checking output by giving input signal/cleaning of nozzle and restriction and replacement of gauges	Nos	128		
Total Cost					

(Total: Rupees

only)

[Signature of the contractor with seal]

Note: The rates quoted should be inclusive of GST, all taxes, duties and Levies.

Tender Number	:	HWPM/I-P/XU-II/MTA-2020/2A
Name of the work	:	Maintenance of Control Valves

TENDERING AND CONTRACT CONDITIONS

1.01.0 INTRODUCTION

1.01.1 The tender is for carrying out the work of “Maintenance of Control valves at HWP, Manuguru”.

1.01.2 The site of Heavy Water Plant (Manuguru) is located in the State of Andhra Pradesh, which is approximately 25 Km from the temple town “Bhadrachalam” and 330 Km away from “Hyderabad”.

1.01.3 Successful bidder shall take all necessary precaution in order to avoid any damage to the HWPM equipment, piping, cables, copper tubing, pneumatic tube bundles, impulse lines, all instruments/electrical fitting jobs etc., while executing the job. We shall make good the losses of any such damages occurred during executing of the work at his cost and department’s decision in technical as well as financial aspects on this regard will be final and binding to the successful bidder.

1.02.0 DEVIATION

1.02.1 All bidders are supposed to quote as per part III of the tender document and to technical specification given in Part II of this tender

1.02.2 Any and all exception that the bidder wishes to make to the clauses in this tender document shall be clearly outlined as “Deviations” in his tender, otherwise, it shall be construed that the bid is in total conformity with this Tender Document. Only such deviations as are approved by the Government shall form part of this document.

1.03.0 DURATION OF WORK

1.03.1 The starting date shall be immediately from the issue of work order or letter of acceptance of tender or telegram of intent to the successful bidder. The work has to be completed within the time frame of 40 days from the date of start of work.

1.04.0 COMPLETION

1.04.1 The work shall have to be completed in total period of 1 months. Since time is essence of the contract, successful bidder MUST ensure timely completion of job. Completion of jobs shall means here total completion of all jobs listed at Annexure to form of tender at Part-III of tender document and final acceptance by HWPM engineers.

1.05.0 CONTRACTOR’S SCOPE OF SUPPLY

1.05.1 Where required, contractor shall provide all as given in the scope of work and temporary scaffolding or platforms, etc.

1.05.2 All kinds of cleaning materials like kerosene, diesel oil, rust dissolving oil, waste cloths, wire brush, scrappers, emery papers, lint free cloth/kora cloth, Teflon tapes, m-seals, GI thread sealant, insulation tapes etc required for the job shall be arranged by the contractor.

1.05.3 All kind of personnel safety items like helmets, safety shoes, hand gloves, face shields, eye goggles, safety apron, safety belts, etc. required for the contractor workmen shall be arranged by the contractor

1.05.4 All kind of materials required for preparation of temporary scaffolding platforms (i.e popularly known as bhada) shall be arranged by contractor. Items like scaffolding pipes, clamps, wooden planks (min 1 ½” thick) etc shall be first put up for inspection to Engineer in-charge to ensure its suitability. Contractor shall provide hand-drilling machines (portable type) with drilling bits, portable and grinding machines with grinding wheels if required for the job.

1.05.05 Handling of materials (welding machine, grinding machine and lathe machine along with all related consumables and qualified operators shall be arranged by the bidder for carrying out any repair/maintenance to the control valve bodies etc.) as per the scope of work inside the plant shall be arranged by the contractor at their won cost.

1.05.06 Contractor shall arrange for all kind of measurement tools & inspection tools required for this job. This shall include precision measuring tapes, spirit level, Vernier calipers, dividers, micrometers, depth gauges, straight edge, dial gauge etc required for the job.

1.05.07 All kinds of industrial gas if required for gas cutting, gas welding or gas heating along with gas cutting set with accessories and all type of safety gadgets as applicable for working with these machines shall be arranged by the contractor. The contractor shall carry out the machining & required welding job if necessary for the completion of jobs.

1.06.0 MATERIAL TO BE SUPPLIED BY HWPM AT FREE OF COST.

1.06.1 Any special tools like required for such as specified jobs shall be given by the department at free of cost, for that contractor has to write requisition in their letter head with signature of the authorized signatory of the company to the tool crib in-charge.

1.06.2 Equipment identification and area, where work to be carried out shall be explained by the engineer in charge.

1.06.3 In case if any accident for contractor’s staff at HWPM site, First-aid facility will be provided at OHC. However, further complete medical attendance shall be arranged by the contractor at their own cost to their workmen.

1.06.4 Electric power and water shall be made available by HWPM free of charge at a nearby (within a distance of 50 Meters at ground level) location. The required number of hand lamp with cables, holders for specific purpose shall be arranged by the department. However, making necessary tapping and arrangement of electric cables, ELCB/water hoses shall be contractor’s responsibility. Electric supply tapping and further distribution within contractor’s jurisdiction shall be subjected to inspection by HWPM’s safety section.

1.06.5 All kind of spares required for the job shall be arranged by the department at site. The contractor has to collect the materials from various points like central store unit, mechanical sectional stores, R&M shop etc., by his own arrangements.

1.06.6 Special consumables like Molykote, specific thread sealant, shall be arranged by the department.

1.07.0 MATERIAL MAY BE SUPPLIED BY HWPM ON CHARGEABLE BASIS

1.07.1 No material other than as mentioned in 1.06.1 to 1.06.6 above shall normally be supplied by HWPM.

1.08.0 FACILITIES

1.08.1 POWER: Power shall be made available to the successful bidder at the site of work free of charges. Supply shall be provided at one place and successful bidder shall have to make arrangement for all additional points, cables and calibrated energy meters, switches etc and tapings shall be in accordance with Electrical/Safety regulations. The bidders to indicate requirements of maximum power at any time during execution of work.

1.08.2 Accommodation facility to the contractor’s workmen will be provided on chargeable basis by HWPM in “A-Type” quarters/hostel subjected to availability only. Therefore, the successful bidder shall have to arrange their own facility for all his personnel/work force.

1.08.3 TRANSPORT:

Successful bidder shall have to make his own arrangements for transport of his material, machinery and manpower including all handling during execution of jobs.

1.08.4 Contractors site office: To be built by the contractor and will not be given by the department. Open space for making the office shall be provided by the department inside premises of HWPM

1.08.5 Water and air will be supplied by HWPM free of charges to the extent available.

1.09.0 General conditions of the tender shall be as given in of this tender

1.10.0 Technical conditions applicable for the work as well as scope of work covered under this tender shall be as given in Part-II. The bidder shall visit site if he feels necessary before submission of the quotation, to ascertain himself about quotation/magnitude of jobs, material requirement such as tools, tackles, equipment etc and hold discussions with site engineers for clarifications. No drawings will be handed over to the bidder

1.11.0 Successful bidder has to communicate the name of the authorized representative at site to whom official communication can be sent at site. Successful bidder has to depute authorized representative holding valid Power of Attorney for formal execution of agreement.

1.12.0 After successful completion of the work by the successful bidder, he shall clear the site to the satisfaction of HWPM authorities.

1.13.0 The requirement around working place for the successful bidder are not free from H2S and all the necessary precautions and guidelines suggested at other part of this tender document are to be followed strictly. The H2S gas is toxic, explosive and hazardous gas. All safety rules and regulations for these and other working as prevailing from time to time at HWPM shall be binding to the successful bidder also. Successful bidder must ensure for all the safety measures for his personnel working at HWPM and these measures should be to the full satisfaction of HWPM authorities.

1.14.0 Bidder shall submit their quotations with the required information in full as required by the tender to General Manager, HWPM. Otherwise, tender shall be treated as incomplete. Incomplete quotations in any form/respect are liable to be rejected without assigning any reasons/correspondence.

1.15.0 All the bidders are supposed to quote with full details of manpower, tools, tackles, etc. they intent to deploy on the jobs. Wherever essential bidders must give brief notes on working procedures along with bids, failing which offer may be ignored categorically.

1.16.0 TERMS OF PAYMENT

1.16.1 Progressive payments on running measurements taken jointly by the engineer in-charge of the work and contractor. The contractor shall indicate in his proposal the breakdown of unit prices quoted by him to cover different stages of work from starting to final conclusion of work

1.16.2 All statutory taxes, duties and levies, as applicable from time to time, by the central government / state government shall be recovered by HWPM before releasing RA bill/final bill to the contractor. Copy of solvency certificate shall be submitted along with the tender document by the contractor.

1.17.0 EXTRA WORK

1.17.1 The unit rates quoted for the work by the contractor shall be applicable for quantities within 25% of the estimated quantities furnished by the Engineer.

1.18.0 SUB CONTRACTOR

1.18.1 The contractor shall not sub contract the whole or part of the work, without the written consent of the HWPM authorities and the prime responsibility for quality execution of work remain with contractor only.

1.19.0 The contractor shall take field measurements then and there necessary before fabricating any material.

1.20.0 CO-ORDINATION OF WORK

1.20.1 The contractor shall schedule his work so as to avoid interference with other works of the department.

1.21.0 HOUSE KEEPING

1.21.1 The contractor shall at all times keep the site free of rubbish, debris and surplus materials so as to render the place of work clean and safe for all personnel working in the area and upon completion of the work shall remove all rubbish and waste material resulting from his work and leave the site in a clean and finished condition. The contractor shall employ adequate housekeeping staff for this purpose. The government has the right to stop work if the contractor fails to improve upon the house keeping after having been notified.

1.22.0 SAFETY PRECAUTIONS

1.22.1 Contractor shall be responsible for the taking of all safety precautions during construction and on completion of the work and for leaving the site safe at all times and at the end of each working day. Also at all times when the work is temporarily suspended, the contractor shall protect all construction materials, equipment and facilities from causing damage or interfering with the properties and work of others. The contractor shall comply with all applicable provisions of the safety regulations, clean-up program and other precautionary measure, which the engineer has in force at site.

1.23.0 QUALITY SURVEILLANCE AND PROGRESS REPORTS

1.23.1 Quality surveillance and expediting relating to all aspects will be carried out by engineer or his authorized representative for which the contractor or his approved sub-contractor shall allow access at all the times during testing to the premises in which the work is being carried out, all tools, inspection gauges, instruments, testing equipment etc. are submitted for inspection prior to use.

1.23.2 The contractor shall produce an inspection plan to the engineer's satisfaction and notify him sufficiently in advance when check points on the plan are imminent to enable the engineer's representative to be present if he desires.

1.23.3 Inspection/quality surveillance, modification of inspection procedure or acceptance of the work by the engineer or his representative shall not relieve the contractor of responsibility of fabricating, testing, delivery to site and erection in accordance with the requirements of this tender documents.

1.24.0 QUERIES/CLARIFICATIONS

1.24.1 Queries/clarifications of a technical nature, if any, that may arise should be referred by the bidder by letter directly to the General Manager, Heavy Water Plant, Manuguru, PO Gautami Nagar, Bhadradi kothagudem Dist, T.S – 507 116 thro' Fax at 08746-224833 (or) By mail : gm@man.hwb.gov.in with a copy to: dymm_ip@man.hwb.gov.in & mm_p@man.hwb.gov.in

1.25.0 OTHER CONDITIONS OF CONTRACT

1.25.1 In respect of all other matters not specifically spelled out in the conditions mentioned above, the provisions contained in Part-II of this tender specification shall be applicable.

1.26.0 SECRECY

With a view to safe guard the secrets and confidential information relating to the Heavy Water Plant (Manuguru) the bidder binds himself, his successors and assigns, to secrecy and contracts to bind to

secrecy his officials, managers and technical and senior staff and all other staff directly or indirectly concerned in or who may have acquire information relating to the manufacture of Heavy Water Plant equipment and the bidder shall ensure (so far as lies in his power) that no third party has access to any such information.

**Government Of India
Heavy Water Plant (Manuguru)**

GENERAL RULES AND DIRECTIONS

General Rules & Directions

1. All work proposed for execution by contract will be notified in a form of invitation to tender pasted in public places and signed by the officer inviting tender or by publication in Newspapers as the case may be. This form will state the work to be carried out, as well as the date for submitting and opening tenders and the time allowed for carrying out the work, also the amount of earnest money to be deposited with the tender, and the amount of the security deposit and Performance guarantee to be deposited by the successful tenderer and the percentage, if any, to be deducted from bills. Copies of the specifications, designs and drawings and any other documents required in connection with the work signed for the purpose of identification by the officer inviting tender shall also be open for inspection by the contractor at the office of officer inviting tender during office hours.

2. In the event of the tender being submitted by a firm, it must be signed separately by each partner thereof or in the event of the absence of any partner, it must be signed on his behalf by a person holding a power-of attorney authorizing him to do so, such power of attorney to be produced with the tender, and it must disclose that the firm is duly registered under the Indian Partnership Act, 1952

3. Receipts for payment made on account of work, when executed by a firm, must also be signed by all the partners, except where contractors are described in their tender as a firm, in which case the receipts must be signed in the name of the firm by one of the partners, or by some other person having due authority to give effectual receipts for the firm.

Applicable for Item Rate Tender only

4. Any person who submits a tender shall fill up the usual printed form, stating at what rate he is willing to undertake each item of the work. Tenders, which propose any alteration in the work specified in the said form of invitation to tender, or in the time allowed for carrying out the work, or which contain any other conditions of any sort, including conditional rebates, will be summarily rejected. No single tender shall include more than one work, but contractors who wish to tender for two or more works shall submit separate tender for each. Tender shall have the name and number of the works to which they refer, written on the envelopes. The rate(s) must be quoted in decimal coinage. Amounts must be quoted in full rupees by ignoring fifty paisa and considering more than fifty paisa as rupee one.

Applicable for Percentage Rate Tender only

4A. In case of Percentage Rate Tenders, tenderer shall fill up the usual printed form, stating at what percentage below/above (in figures as well as in words) the total estimated cost given in Schedule of Quantities at Schedule-B, he will be willing to execute the work.

The tender submitted shall be treated as invalid if:-

(i) The contractor does not quote percentage above/below on the total amount of tender or any section/sub head of the tender.

(ii) The percentage above/below is not quoted in figures & words both on the total amount of tender or any section/sub head of the tender

(iii) The percentage quoted above/below is different in figures & words on the total amount of tender or any section/sub head of the tender: HWPM/I-P/XU-II/MTA-2020/ 2A

Tenders, which propose any alteration in the work specified in the said form of invitation to tender, or in the time allowed for carrying out the work, or which contain any other conditions of any sort including conditional rebates, will be summarily rejected. No single tender shall include more than one

work, but contractors who wish to tender for two or more works shall submit separate tender for each. Tender shall have the name and number of the works to which they refer, written on the envelopes.

5. The officer inviting tender or his duly authorized assistant will open tenders in the presence of any intending contractors who may be present at the time, and will enter the amounts of the several tenders in a comparative statement in a suitable form. In the event of a tender being accepted, a receipt for the earnest money shall thereupon be given to the contractor who shall thereupon for the purpose of identification sign copies of the specifications and other documents mentioned in Rule-I. In the event of a tender being rejected, the earnest money shall thereupon be returned to the contractor remitting the same, without any interest.

6. The officer inviting tenders shall have the right of rejecting all or any of the tenders and will not be bound to accept the lowest or any other tender.

7. The receipt of an accountant or clerk for any money paid by the contractor will not be considered as any acknowledgment or payment to the officer inviting tender and the contractor shall be responsible for seeing that he procures a receipt signed by the officer inviting tender or a duly authorized Cashier.

8. The memorandum of work tendered for and the schedule of materials to be supplied by the department and their issue-rates, shall be filled and completed in the office of the officer inviting tender before the tender form is issued. If a form is issued to an intending tenderer without having been so filled in and incomplete, he shall request the officer to have this done before he completes and delivers his tender

9. The tenderers shall sign a declaration under the officials Secret Act 1923, for maintaining secrecy of the tender documents drawings or other records connected with the work given to them. The unsuccessful tenderers shall return all the drawings given to them. 9A. Use of correcting fluid, anywhere in tender document is not permitted. Such tender is liable for rejection.

Applicable for Item Rate Tender only

10. In the case of Item Rate Tenders, only rates quoted shall be considered. Any tender containing percentage below/above the rates quoted is liable to be rejected. Rates quoted by the contractor in item rate tender in figures and words shall be accurately filled in so that there is no discrepancy in the rates written in figures and words. However, if a discrepancy is found, the rates which correspond with the amount worked out by the contractor shall unless otherwise proved be taken as correct. If the amount of an item is not worked out by the contractor or it does not correspond with the rates written either in figures or in words, then the rates quoted by the contractor in words shall be taken as correct. Where the rates quoted by the contractor in figures and in words tally, but the amount is not worked out correctly, the rates quoted by the contractor will unless otherwise proved be taken as correct and not the amount. In event no rate has been quoted for any item(s), leaving space both in figure(s), word(s), and amount blank, it will be presumed that the contractor has included the cost of this/these item(s) in other items and rate for such item(s) will be considered as zero and work will be required to be executed accordingly.

Applicable for Percentage Rate Tender only

10A. In case of Percentage Rate Tenders only percentage quoted shall be considered. Any tender containing item rates is liable to be rejected. Percentage quoted by the contractor in percentage rate tender shall be accurately filled in figures and words

11. In the case of any tender where unit rate of any item/items appear unrealistic, such tender will be considered as unbalanced and in case the tenderer is unable to provide satisfactory explanation, such a tender is liable to be disqualified and rejected.

Applicable for Item Rate Tender only

12. All rates shall be quoted on the tender form. The amount for each item should be worked out and requisite totals given. Special care should be taken to write the rates in figures as well as in words and the

amount in figures only, in such a way that interpolation is not possible. The total amount should be written both in figures and in words. In case of figures, the word 'Rs.' should be written before the figure of rupees and word 'P' after the decimal figures, e.g. 'Rs. 2.15 P' and in case of words, the word, 'Rupees' should precede and the word 'Paise' should be written at the end. Unless the rate is in whole rupees and followed by the word 'only' it should invariably be up to two decimal places. While quoting the rate in schedule of quantities, the word 'only' should be written closely following the amount and it should not be written in the next line.

Applicable for Percentage Rate Tender only

12A. In Percentage Rate Tender, the tenderer shall quote percentage below/above (in figures as well as in words) at which he will be willing to execute the work. He shall also work out the total amount of his offer and the same should be written in figures as well as in words in such a way that no interpolation is possible. In case of figures, the word 'Rs.' should be written before the figure of rupees and word 'P' after the decimal figures, e.g. 'Rs. 2.15P' and in case of words, the word 'Rupees' should precede and the word 'Paisa' should be written at the end.

13. (i) The Contractor, whose tender is accepted, will be required to furnish performance guarantee of 5% (Five Percent) of the tendered amount within the period specified in Schedule F. This guarantee shall be in the form of cash (in case guarantee amount is less than Rs. 10,000/-) or Deposit at call receipt of any scheduled bank/Banker's cheque of any scheduled bank/Demand Draft of any scheduled bank/Pay order of any scheduled bank (in case guarantee amount is less than Rs. 1,00,000/-) or Government Securities or Fixed Deposit Receipts or Guarantee Bonds of any Scheduled Bank or the State Bank of India in accordance with the prescribed form.

(ii) The contractor whose tender is accepted will also be required to furnish by way of Security Deposit for the fulfilment of his contract, an amount equal to 2.5% of the tendered value of the work. The Security deposit will be collected by deductions from the running bills as well as final bill of the contractor at the rates mentioned above and the **earnest money deposited at the time of tenders, will be treated as a part of the Security Deposit.** The Security amount will also be accepted in cash or in the shape of Government Securities. Fixed Deposit Receipt of a Scheduled Bank or State Bank of India will also be accepted for this purpose provided confirmatory advice is enclosed.

14. On acceptance of the tender, the name of the accredited representative(s) of the contractor who would be responsible for taking instructions from the Engineer-in-Charge shall be communicated in writing to the Engineer-in-Charge.

15. Sales-tax/GST, purchase tax, turnover tax or any other tax applicable in respect of this contract shall be payable by the Contractor and Government will not entertain any claim whatsoever in respect of the same. However, in respect of service tax, same shall be paid by the contractor to the concerned department on demand and it will be reimbursed to him by the Engineer-in-Charge after satisfying that it has been actually and genuinely paid by the contractor.

16. The contractor shall give a list of both Gazetted and non-Gazetted HWPM employees related to him.

17. The tender for the work shall not be witnessed by a contractor or contractors who himself/themselves has/have tendered or who may and has/have tendered for the same work. Failure to observe this condition would render, tenders of the contractors tendering, as well as witnessing the tender, liable to summary rejection.

18. The tender for composite work includes, in addition to building work, all other works such as sanitary and water supply installations drainage installation, electrical work, horticulture work, roads and paths etc. The tenderer apart from being a registered contractor (B&R) of appropriate class, must associate himself with agencies of appropriate class which are eligible to tender for sanitary and water supply drainage, electrical and horticulture works in the composite tender.

19. The contractor shall submit list of works which are in hand (progress) in the following details:-

Name of Work

Name and particulars of Divn. Where work is being executed Value of Work

Position of works in Progress

Remarks

20. The contractor shall comply with the provisions of the Apprentices Act 1961, and the rules and orders issued there under from time to time. If he fails to do so, his failure will be a breach of the contract and the General manager may in his discretion, without prejudice to any other right or remedy available in law, cancel the contract. The contractor shall also be liable for any pecuniary liability arising on account of any violation by him of the provisions of the said Act. HWPM

Work Order Number	:	HWPM/I-P/XU-II/MTA-2020/2A
Name of the work	:	Maintenance of Control Valves

SCOPE OF WORK CUM TECHNICAL SPECIFICATIONS

Maintenance of Control Valves { For Item Nos: (1) }:

- Pneumatic & Electrical connections of the control valve are to be disconnected (**Valve dropping is not in contract scope**)
- Valves shall be shifted to R&M shop for maintenance from field.
- Calibration values are to be noted for control valve & I/P Converter with out any adjustment.
- Marking has to be done on the mating parts before dismantling the valve to facilitate easy assembly after servicing.
- Valve body has to be dismantled from actuator.
- Actuator has to be dismantled and the diaphragm condition has to be inspected for any damage. Cleaning of diaphragm and applying the boric powder on top of the diaphragm.
- Diaphragm chamber has to be cleaned and re-painted with synthetic enamel paint wherever necessary.
- Spring has to be inspected and cleaned.
- In case of reverse acting actuators sealing O-ring has to be replaced and leakage test has to be done by pressurising the chamber with air.
- Diaphragm plate has to be cleaned/re-painted and replaced wherever necessary.
- Valve body has to be dismantled by separating the actuator, valve body and manual gearbox.

FISHER (Specific):

- Gland follower & Bottom Guidepost are to be removed.
- Seat retainer ring has to be removed along with TCM/SS Ball seal & Shims.
- V-Ball has to be disconnected from the valve shaft after removing the lock pin.
- All the existing gland packings (Teflon / Graphoil) & rear side Teflon gaskets have to be replaced after the necessary inspection of internals. The same needs to be fabricated by the party if required.
- V-Ball has to be cleaned with diesel, Emery paper. Lapping compound has to be applied on the surface for smoothening in case of hard scales on the ball.
- Material has to be deposited in case of any damage in the valve body by welding and machining has to be carried out subsequently, necessary lathe machine and welding machine shall be brought to site by successful bidder.
- Serrated portion has to be inspected and in case of damage, serrations have to be made after material deposition.
- Valve Stem has to be inspected for any aberrations/dents and to be cleaned with emery paper.
- Detached V-Ball has to be fixed back to the valve shaft with a new lock pin.
- Shims have to be cleaned and inspected. Damaged shims shall be replaced with new ones and new shims are to be added so as to maintain the total number of shims as mentioned in the valve maintenance manual.
- TCM Ball seal has to be fixed back either with 180° rotation or reversing the ball seal in case damage is on one side of the ball seal. If damage is on both sides, the ball seal has to be replaced.
- Seat retainer ring surface has to be cleaned with diesel & emery paper and to be fixed back with SS304 Allen bolts & washers.
- Grease/ Molikote if any has to be removed from the manual gearbox and the gears condition has to be inspected for any damage and replacement shall be done wherever necessary. Minor teeth damages have to be rectified by filing the same. Grease/Molikote has to be applied to the gear portion.
- After assembling the complete valve body with actuator, the operation has to be checked both by hand wheel as well as by giving the air signal directly as per the spring range.

- In case of not achieving full travel with hand wheel operation, the gear & shaft re-alignment has to be carried out and operation shall be checked for satisfactory performance.
- In case of not achieving full travel with air signal, spring tension has to be re-adjusted and operation has to be checked for satisfactory performance.
- In case of 7600 series butterfly type valve bodies, bottom-guiding portion has to be removed and the butterfly disc to be disconnected from the valve shaft after removing the two lock pins. Disc has to be assembled in such a way that when the valve is opened fish tail will be in the down stream of the valve.

SEREG(Specific):

- Crank has to be detached from the actuator after removing the crankshaft.
- Valve body has to be detached from the crank after removing the casing bolts, crank Circlip & crank retaining washer.
- Bearing condition shall be checked for healthiness.
- Gland follower & Bottom Guide post are to be removed in case of MAXFLO type control valves & Gland follower shall be removed in case of REGLOB type control valves.
- Seat nut shall be removed from the valve body.
- Seat along with shims has to be removed from the body.
- Plug has to be disconnected from the valve shaft after removing the split ring.
- All the existing gland packings (Teflon + Asbestos) are to be replaced.
- Plug has to be cleaned with diesel, Emery paper. Lapping compound has to be used for smoothening in case of hard scales on the ball.
- Material has to be deposited in case of any damage in the valve body by welding and shall be machined. Threading has to be done as necessary.
- Stem has to be inspected for any aberrations/dents and cleaned with emery paper.
- It is proposed to take all the dimension of clearances and they have to be maintained for all the sizes of sereg valves during MTA2010 in Exchange Unit –I. clearances shall be as follows:
 - Between guide post bottom OD to ID of valve body not more than 0.05mm +0.01
 - Between guide post top OD to guide bush ID not more than 0.15mm +0.01
 - Between Drive shaft. End (Square) and plug ID square end not more than 0.05mm +0.00/-0.01.
 - Between Drive shaft OD and stem guide bush ID not more than 0.05mm+0.00/-0.01.
 - Ensure that Guide post fixing screw shall be fixed with spring lock washer
 - Check the tightness of stuffing box. Caution : the stuff box will reach its performance after a running-in- period (100 operations). Excessive tightening of stuffing box will result in operating faults with out resulting in any better results subsequently. It is not unusual for a slight leak to occur to start-up.
 - Ensure correct usage of gland packing material Expanded Pure Graphite braided gland packing ring having an inconel wire mesh.
 - Molykote 1000 shall be applied in between guide bush and shaft OD and thrust washer.
 - Clearances of thrust washer ((plug & valve body) shall not be more than 0.05mm ±0.01
- Ball has to be fixed back to the valve shaft.
- Seat has to be inspected for any damage and replaced if necessary.
- Shims are to be cleaned and inspected. Damaged shims may be replaced with new ones and new shims are to be added to avoid the excess friction between plug surface and seat in some valves.
- Seat nut is to be just hand tightened to the valve body by applying Molykote.
- Hand wheel shaft has to be removed from the actuator and the bearing assembly is to be inspected. Hand wheel is fixed back to actuator and molikote has to be applied all over the length of shaft.
- After assembling the complete valve assembly the valve operation has to be checked both by hand wheel as well as by giving the air signal directly as per the spring range.
- Travel limits are to be adjusted wherever necessary.

ILP (Specific):

- Remove the gland follower.
- Plug shall be removed after disconnecting the bonnet from the valve body.
- All the existing gland packing (Teflon/Asbestos) are to be replaced.
- Aberrations, if any, on Stem, plug, seat & cage are to be cleared with emery paper.
- Bonnet gaskets are to be inspected and replaced if necessary.
- Material may be deposited in case of any damage in the valve body flanges and bonnet-mating portion.
- Hand lapping to be done on valve plug.
- Complete valve to be assembled and valve operation is to be checked both by hand wheel as well as by giving the air signal directly as per the spring range.
- In case of not achieving full travel with air signal, spring tension has to be re-adjusted and operation has to be checked for satisfactory performance.

Kammer make Valves (Specific):

- These are plug type valves.
 - Remove the gland follower.
 - Plug has to be removed after disconnecting the bonnet from the valve body.
 - All the existing gland packing (Teflon) are to be replaced.
 - Aberrations, if any, on Stem, plug, seat & cage has to be cleared with emery paper.
 - Bonnet gaskets & cage seating gaskets has to be inspected
 - Hand lapping to be carried out on valve plug.
 - Complete valve has to be assembled and valve operation has to be checked both by hand wheel as well as by giving the air signal directly as per the spring range.
 - In case of not achieving full travel with air signal, spring tension may be re-adjusted and operation has to be checked for satisfactory performance.
- ✓ Servicing of Positioner: Nozzle, Restrictors & Gauge blocks cleaning has to be done.
 - ✓ Servicing of I/P Converter: Nozzle, Restrictors & Booster relay cleaning has to be done. Re-alignment of different parts and the calibration of I/P converter has to be done.
 - ✓ Servicing of Air Filter Regulator: After dismantling the complete regulator the filter element has to be cleaned in soap solution and the valve, spring, diaphragm has to be checked for any damage and replacement was carried out if necessary. Adjust the knob Pressure. Subsequently the serviced AFR was checked for throughput.
 - ✓ Silicone grease has to be applied on all gaskets, diaphragm, o-rings.
 - ✓ Molikote was applied to threaded portion of all the bolts.
 - ✓ After fixing back the positioner to the control valve, the valve has to be calibrated for the input signal of 0.2 to 1 Kg/Cm².
 - ✓ Shift the control valve to the process location along with I/P converters and air filter regulators.
 - ✓ Field calibration of the control valve along with I/P Converter & operation from CCR has to be checked.

Seat Leakage testing of the control valves

By applying 50 psi to the inlet after closing the valve fully, the leakage at the outlet side is observed. The leakage should be less than 5 bubbles/minute.

Minimum Maintenance of Control Valves { For Item Nos: (2) }:

A) Maintenance of gearbox connected gear sector/adding of gland packing/ tightening of all fasteners.

B) Maintenance of valve connected accessories AFRs / I/P converter /Valve positioner i.e replacement of filters and tightening of all fasteners and checking air throughput/ Cleaning of relay, nozzle and restrictions and checking output by giving input signal/cleaning of nozzle and restriction and replacement of gauges

C) All the Valves calibration must be checked from CCR.

General Information & Additional Conditions

1. Introduction:

This is meant for Maintenance of Control Valves in Exchange Unit-II/Auxiliary Units. These control valves are located at different elevations.

2. Duration of work:

- a. The work shall have to be completed in a total period of two month from the start of MTA-2020, which will be intimated in the due course of time. The released work front on day-to-day basis shall be completed on the same day, beyond which the contractor is liable to be penalized for delay on his part as per HWPM terms and conditions.
- b. Work front will be released as and when opportunity arises to take up the job. Contractor shall be ready with suitable manpower and material to execute the job when the front is released without any delay.
- c. Since time is essence of the contract, successful bidder must ensure timely completion of job.

3. Material scope to carry out the job mentioned in the tender notice:

Departmental Scope (Free Issue)	Contractor Scope/Supply
Grease, Molykote	All Tools & Tackles
Rustolene	Waste Cloth
Teflon tape	Emery paper
M-Seal	Diesel, Kerosene
	All handling equipment

All the free issue materials will be issued at HWPM stores/Instrumentation stores and the complete record of the material account shall be submitted after the completion of the work. Contractor should return back the balance material to HWPM Stores/Instrumentation Stores after completion of the work.

Suitable welding machine, grinding machine and lathe machine along with all related consumables and qualified operators shall be arranged by the bidder for carrying out any repair/maintenance to the control valve bodies etc.

Handling equipment refers to chain pulley block, weight carrying equipment etc., are to be arranged by the successful bidder only.

Items like tube cutter, tube bender etc are to be arranged by the successful bidder.

4. Additional Conditions:

1. Successful bidder shall ensure for all safety measures for his personnel working at HWPM and these measures shall be to the satisfaction of HWPM authorities.
2. Contractor is required to make satisfactory and safe temporary scaffolding and approaches wherever required for execution of the job and he shall execute the jobs as per the approved procedures, check lists and quality assurance plans.
3. Contractor shall have to make his own arrangements for transport of his material, machinery and manpower including all handling equipment during execution of job.
4. We reserve the right to withdraw the work at any time if there is delay in work or if the workmanship is not up to the mark, which is purely at the discretion of General Manager, HWPM.

5. The quantities mentioned in the schedule of quantities are estimated quantities and payment shall be limited to actual quantities executed by the contractor and measured and accepted by the Engineer-In-Charge.
6. In addition to the above all the General terms & Conditions of contracts/works in HWPM shall be applicable.
7. EPF & Insurance components shall be reimbursed in applicable cases on compliance of the procedures prescribed subject to proof of documentary evidence.
8. Air, water & electricity will be provided free of cost. Contractor should make his own arrangements for extending these items to the work spot.
9. General Terms and Conditions of Contract at HWPM are applicable to this Work also. Booklet containing the Terms and Conditions of Contract may be referred at the Office of EIC / Section Concerned.

Work Order Number : HWPM/I-P/XU-II/MTA-2020/2A
Name of the work : Maintenance of Control Valves

Past experience

S.No	Name of the Work	Name of the company where the work has been carried out	Cost of the job	Duration
1				
2				
3				
4				
5				
6				

Proof form should be submitted with documentary evidence as proof

Signature of contractor with seal

Work Order Number : HWPM/I-P/XU-II/MTA-20208/2A
Name of the work : Maintenance of Control Valves

LIST OF WORKS IN HAND

Name of the firm : PAN No. :
Name of the contractor : EPF&I code no. :
Labour Lic. No. :

Sl. No.	Name of the Work	Period of contract		No. of labourers deployed	Authority under which work executed	Work order value	Status of work in progress
		From	To				

I hereby declare that the information furnished by me is true and correct to the best of my knowledge and in the event of anything proved to be action as deemed fit may be initiated against me, as per rules in vogue from time to time.

Place:

Date:

Signature of the Contractor with seal

Work Order Number	:	HWPM/I-P/XU-II/MTA-2020/2A
Name of the work	:	Maintenance of Control Valves

PARTICULARS OF CONTRACTOR

1. Name of the contractor
2. Address of the contractor (Permanent)
3. Name of the representative of the contractor at HWP(M) site
4. Annual turn over of the contractor
5. Major work already held in HWP (M) site:
6. PAN No. of contractor
7. Telephone/ Tele fax / Mobile No/ E-mail ID etc:
- 8.PPF Details
9. ESI details
- 10.GST details

Signature of the contractor with seal

Work Order Number : HWPM/I-P/XU-II/MTA-2020/2A
Name of the work : Maintenance of Control Valves

PARTICULARS REGARDING REGISTRATION AND APPLICABILITY OF EMPLOYEES PROVIDENT FUND ACT, 1952 (Work order / NIT No. _____ , dated _____)

01. Name and nature of the contracting firm.
:
02. Composition of contracting firm :
(Strike out whichever is not applicable)
 - 1.Sole Proprietorship.
 - 2.Partnership.
 - 3.Joint stock Company
03. Particulars of works undertaken by /awarded to the contracting firm and the number of workmen employed against each.
04. State whether the Contracting firm has any sister concern or subsidiary or is holding a company of any other joint stock company.
05. No. Of workmen employed by the contracting firm
(Latest and periodical wage register should be produced on demand from the Accounts Section).
06. Whether or not the contracting firm has any time been registered with a Provident Fund Commissioner or the PF Enforcement authorities concerned, Under any provisions of the Act, including Voluntary Enrolment under Sub-Sec.(4) of Sec.1 of the Act. If yes, PF subscription No. etc., may be furnished.
07. Whether or not the particular work as quoted by or awarded to the Contracting firm, has anytime attracted the provisions of the EPF & MP Act. If yes, the PF subscription No. etc., may kindly be stated.
08. Any other information as the Contracting firm may volunteer to furnish.

Work Order Number : HWPM/I-P/XU-II/MTA-2020/2A
Name of the work : Maintenance of Control Valves

SPECIMEN FORM OF SOLVENCY CERTIFICATE FROM THE SCHEDULED BANK

This is to certify that to the best of our knowledge and information M/s _____ Shri _____ having marginally noted address, a customer of our bank, is respectable and can be treated as good for any engagement upto a limit of Rs. _____ (Rupees _____ Only).

This certificate is issued without any guarantee or responsibility on the bank or any of its officers.

(Signature for the Bank)

Important Note:

All relevant certificates should be attached with the application.

No column should be left blank.

Work Order Number : HWPM/I-P/XU-II/MTA-2020/2A
Name of the work : Maintenance of Control Valves

DECLARATION

I, _____, S/o _____

of _____ hereby declare that:

01. All the information furnished above is true and in the unlikely event of any information being proved otherwise, I accept the full responsibility for the wrong/ false statement or suppression of material information, if any and accept the legal, financial and other consequences for all my acts of omissions and commissions.
02. I, understand that I am legally bounded to recover and remit PF contribution from and remit Employees contribution in respect of workmen employed by me in the event of applicability of the employees Provident Fund and Miscellaneous Pro-visions Act, 1952 and EPF Scheme, 1952, subject to the exceptions and provisions there under and in the event of failure to do so, I shall be personally liable to have the dues on this account, recovered and remitted to the PF Commissioner of the Enforcement Authority concerned, besides being liable for the penal consequences.
03. In the event of any Firm Demand being received by the General Manager or his nominee from the Provident Fund Commissioner or Enforcement Officer for recovery of any sum payable by the Contracting Firm, I hereby authorise the Pay & Accounts Officer, Heavy Water Plant (Manuguru) to deduct the said sum from any amount payable to me or the Contracting Firm against this or any other work order and remit the proceeds to the case may be, without referring the case to me and the amount so recovered, for all purposes, shall be deemed to have been paid to me under valid acquaintance.
04. I hereby absolve and indemnify the President of India, represented by the General Manager, Heavy Water Plant (Manuguru) and his nominees against any responsibility whatsoever, on account of any failure on my part to comply with the provisions of the Act an the scheme and I hereby hold myself responsible for enforcement of the provisions of the Act and the scheme as applicable to the contracting firm in accordance with the statutes, rules, regulations and orders as applicable from time to time.

Signed this _____ day of _____ 2020 _____ under my hand and seal.

Signature : _____
Name : _____
Seal : _____

In presence of
(Signature of the Witness)

Name :

Address :
Forwarded to P & AO

Engineer-In-Charge

Work Order Number	:	HWPM/I-P/XU-II/MTA-2020/2A
Name of the work	:	Maintenance of Control Valves

DECLARATION CUM UNDERTAKING

I/We, Mr/MrsS/o Sri.....
 Proprietor /Partner of M/s.....

Hereby declared that,

1. Our quoted item rates are inclusive of GST and Excluding EPF & Insurance charges.
2. We accept & hereby authorize the P&AO, HWP(M) to deduct all Taxes / Lives as applicable, at prevailing rates from the bills payable to us.
3. I/We hereby undertake to make all Labour Payments viz, wages, overtime alliance, statutory Bonus etc., payable to the contract labour , proposed to be deployed by me /our firm, completion of present work for which I am/we are tendering through individual/respective Bank accounts only.
4. The information furnished above are correct and accept all the terms and conditions of the contracts in connection with this tender.

(Signature of the Contractor with Seal)

Place:
Date: