

Design, Development, Installation of Web Based Hospital Management System (HIMS) Software

Tender No: HWPM/I-P/IT/2024/01



Heavy Water Plant Manuguru,
P.O Aswapuram -507116

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**Government of India
Department of Atomic Energy
Heavy Water Plant, Manuguru**

Gautaminagar Post
ASWAPURAM – 507 116,
Bhadradri-Kothagudem Dist. (T. S)
Dated : 14.02.2024

E-TENDER NOTICE No.: HWPMI-P/IT/2024/01

For and on behalf of the President of India, The General Manager, Heavy Water Plant, Manuguru invites Online tender(s) through e-tendering mode in two bid system, from approved contractors of appropriate class of CPWD and approved by other Central Govt. Organizations. Non registered contractors meeting the "Eligibility Criteria" given in this NIT may also apply.

1	Tender No.	HWPMI-P/IT/2024/01
2	Name of work	Design, Development, Installation of web based Hospital Management System (HIMS) Software
3	Estimated cost put to tender	Rs 87,50,000/-
4	EMD	Rs 1,75,000/-
5	Completion period	18 Months
6	Tender processing fee	Nil
7	EMD submission in the form of	in the form of DD/FDR issued by scheduled bank in favor of Pay and Accounts officer HWP(M), drawn on SBI, HWP(M) Branch.
8	Performance Guarantee (PG) & Security Deposit (SD)	PG is 3% of the tendered Amount & SD is 2.5% of the tendered Amount.
9	Guarantee period for SD	3 Months
10	Dates of availability of Tender Documents for view and download including Tender Drawings (if any).	Tender document/forms can be viewed & down loaded from https://eprocure.gov.in/eprocure/app website From 20.02.2024 (10.00 Hrs) NIT can be viewed at www.hwb.gov.in web site also
a)	Free viewing of Tender Documents in PDF format.	Please follow the instructions at https://eprocure.gov.in/eprocure/app
b)	Purchase of tender Documents in Excel Format for participation in tendering.	Please follow the instructions at https://eprocure.gov.in/eprocure/app
11	Dates of pre-bid clarification	On 26.02.2024 (Between 14.00 Hrs to 16.00 Hrs), to clear the doubts of intending bidders, if any, with prior appointment.
12	Last date and time of closing of online submission of tenders:	01.03.2024 (14:00:00 Hrs)
13	Last date for submission of Original DD/BC/PO etc. towards EMD	On or before 14:00 Hrs of 07.03.2024 in the office of Deputy General Manager (P), HWPM
14	Date and time of online opening of Technical Bid	07.03.2024 (After 14:30:00 Hrs)
15	Date of opening of financial bids of qualified bidders	Will be intimated to the qualified bidders.
16	The bid for the works shall remain open for acceptance for a period of Ninety (90) days from the date of opening of financial bid, if any bidder withdraws his bid before the said period or issue of letter of acceptance, whichever is earlier, or makes any modifications in the terms and conditions of the bid which are not acceptable to the department, 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 bidders shall not be allowed to participate in the re-bidding process of the work.	
Notes:		
1	Tender Notification and documents are available on website https://eprocure.gov.in/eprocure/app	
2	Registered contractors only can purchase/download and submit/upload tenders.	
3	Interested agencies may visit this website http://eprocure.gov.in/eprocure/app for Registration.	
4	Contact for Assistance/Clarifications 24 x 7 @ 1. Sh. Bhushan Borse: 727665828 (bhushanborse2411@gmail.com) 2. Sh. Mayur Jadhav: 9409212555 (mayurj642@gmail.com)	

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5	For further information please contact on (08746) 225632 / 234450 / 234799, Fax (08746) 224833 thro' mail at: gm@man.hwb.gov.in with a copy to: dymm_ip@man.hwb.gov.in
1	Contractors who fulfill the following requirements shall ONLY be eligible to apply. (Joint ventures are not accepted).
A	Proof of Registration with Government/Semi Government Organizations like DAE/BARC, CPWD, MES, BSNL, Railways etc., in appropriate class OR having experience in execution of similar nature of works.
B	Should have satisfactorily completed the works as mentioned below during the last Seven years ending with 31/12/2023. (1) i) Three similar works each cost not less than 40% of the estimated cost (or) ii) Two similar works each cost not less than 60% of the estimated cost (or) iii) One similar work costing not less than 80% of the estimated cost "Similar works" means works like Custom Software Development using, PHP, Java, or any Web application framework.
C	Bidder shall have to furnish undertakings as under: 1. 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 HWB/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 2. I/We have downloaded and gone through the pre-bid clarifications issued by the Department after close of sale of tenders and submitting tender accordingly. 3. Undertaking that company is not under liquidation, court receivership or similar proceedings 4. Letter of Transmittal along with duly filled signed and stamped tender formats 5. Bidders' acceptance to validity of tender / offer 120 days from date of opening of bid. 6. MAKE IN INDIA Minimum local content: The goods & services offered by the bidder in their tender shall have "minimum local content" of more than 20% or as specified by the concerned department of the tendered value. Self-certification on local content by bidder as per enclosed "Format for self-certification under preference to "make in India" policy (for procurement value less than or equal to ₹.10 Crores) indicating the Percentage of minimum local content in their offer and the place in India, where local value addition is made
D	Annual turnover as per ITCC or profit and loss statement for the last 5 years (Average annual turnover for the last 3 financial years should be at least 50% of estimated value put to tender, not having incurred any loss in more than 2 years during last 5 years ending 31.03.2023).
E	Latest bank solvency certificate from any scheduled bank for minimum value of 40% of the estimated cost. Latest solvency Certificate issued within one year from the tender opening date.
F	List of similar works in hand and similar works carried out by them for last 7 years indicating i) Agency for whom executed, ii) Value of work, iii) Completion time as stipulated and actual, or present position of the work.
G	List of construction plant, machinery, equipments, accessories and infrastructure facilities possessed by the agency to complete the work in time.
H	List of technical staff they possess.
I	CERTIFICATES: (Scanned copy of original certificates to be uploaded). Physical copies are to be enclosed along with EMD. i) Performance/work completion certificates ii) GST registration certificate and acknowledgement of up to date GST filed return. iii) TIN Registration iv) PAN (Permanent Account Number) Registration v) EPF registration certificate vi) ESIC registration certificate vii) Valid labor license
2	The intending bidder must read the terms and conditions as per "SECTION - 1 NOTICE INVITING TENDERS" OF "CONDITIONS AND CLAUSES OF CONTRACT" carefully. He should only submit his bid if he considers himself eligible and he is in possession of all the documents required. Department reserves the right of Non-consideration of Tender documents of the agencies who are not fulfilling the NIT stipulations and/or having adverse report on the works carried out by them in the past.
3	Information and instructions for tenderer posted on website shall form part of tender document.
4	The tender document consisting of plans (if any), 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 https://eprocure.gov.in/eprocure/app and can be viewed in the website of www.hwb.gov.in free of cost. TENDER DRAWINGS if any, are uploaded in the website https://eprocure.gov.in/eprocure/app for downloading (post fee) (IF ANY STIPULATED IN THE TENDER DOCUMENTS).
5	The bid can only be submitted after uploading the mandatory scanned documents such as Bid Security Form towards EMD and the Tender Processing Fee shall be paid to M/s ITI Ltd., thro' online payment by using Credit/debit card and any other documents as specified.

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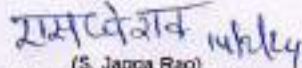
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6	Those contractors not registered on the website mentioned above, are required to get registered. If needed, they can be imparted training for online bidding process as per details available on the website.
7	The intending bidder must have valid "Class – III" digital signature to submit the bid.
8	On opening date, the contractor can login and see the bid opening process.
9	Certificate of Financial Turn over: At the time of submission of bid, contractor may upload Undertaking/Certificate from CA mentioning financial Turnover of last 3 years or for the period as specified in the bid document and further details if required may be asked from the contractor after opening of technical bids. There is no need to upload entire voluminous balance sheet. Physical copy of certificate given by CA is to be submitted along with EMD.
10	Contractor must ensure to quote rate of each item. The column meant for quoting rate in figures appears in YELLOW color and the moment rate is entered, it turns SKY BLUE. In addition to this, while selecting any of the cells a warning appears that if any cell is left blank the same shall be treated as "0". Therefore, if any cell is left blank and no rate is quoted by the bidder, rate of such item shall be treated as "0" (ZERO). However, if a tenderer quotes nil rates against each item in item rate tender or does not quote any percentage above/below on the total amount of the tender or any section/sub head in percentage rate tender, the tender shall be treated as invalid and will not be considered as lowest tenderer.
11	The tenders shall provide the registration details of EPF and ESI while collecting the tender document and copies of the same shall be submitted along with the tender document.
12	It is mandatory that the successful bidder has to produce the details of ESI and EPF Universal Account number (UAN) of the workers to be employed against this contract.
13	Contractor has to ensure the due EPF share of his/her firm will be credited on their workers EPF account regularly and an undertaking is to be submitted by the contractor for the same thing. It is mandatory for contractors to mention their workers EPF account number in the gate pass application itself, otherwise, gate pass application will not be forwarded from section.
14	It is mandatory that the successful tenderer has to remit such contributions of EPF and ESI to the concerned authorities and submit the documentary evidence for reimbursement along with the bills for making payment. After submission of such documents only bill will be processed.
15	On receipt of Letter of acceptance of tender the successful bidder shall submit the Performance Guarantee (@3% of the tendered value) within 07 days, in the form as prescribed in the Letter of acceptance of tender, in favour of "Pay & Accounts officer, HWPM". This submission period can be further extended ranging to 1 to 7 days, on your written request by the EIC with late fee @ 0.1% on PG value per day of delay, for the delay period.
16	In the case of bids in three stage system and if it is desired to submit revised financial bid then it shall be mandatory to submit revised financial bid. If not submitted then the bid submitted earlier shall become invalid.
17	The Department reserves the right to accept/reject any prospective application without assigning any reason thereof.
18	The quoted rate shall be inclusive of GST, levies (if any) except ESI and EPF (employer's contribution). However ESI & EPF (employer's contribution) components shall be reimbursed on production of documentary evidence having paid such amount to the respective authorities.
19	TDS on taxable Goods or services or both and other duties & Levies as applicable will be deducted from running bills and final bills as per the prevailing rates.
20	Short listing of the agencies shall be subject to thorough verification of their credentials and inspection of works carried out by them through a Technical Evaluation Committee of experts, constituted by Heavy Water Plant, Manuguru.
21	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 HWB.
22	It is mandatory that, the successful bidder must arrange the "POLICE VERIFICATION CERTIFICATE" to their work men from the "Office of Superintendent of Police, Bhadradi-Kothagudem District" invariably, to obtain the Entry Gate pass from the O/o Commandant, CISF Unit at HWP (M) for execution of work. Bidders are requested to take a note of this while quoting.
23	It is mandatory that, on receipt of Work order, the successful bidder must submit the "Inter State Migrant Labour License" and "Labour License" from State /Central Govt. authorities (as applicable) within 15 days (prior to start up of work at HWP (M)). Failing which gate pass will not be issued to the contractor's workmen for work execution.
24	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 work evaluation/ to collect the tender document / Pre-Bid Negotiation /to drop the tender quotation) must intimate the undersigned 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.
25	In HWP (M) all the postal communications are being handled by Central Dispatch section, which is located at Administrative building of HWP (M), the internal dispatch of documents will take minimum two working days. All are requested to send their documents accordingly. Department will not be responsible for any Postal Communication delay.
26	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

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	provisions of General Conditions of Contract for the completion of the works to the entire satisfaction of the Engineer.
27	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 State's 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. Tenderers will ensure that full benefit of Input Tax Credit (ITC) likely to be availed by them is duly considered while quoting rates.
28	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.
29	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.
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 stipulated criteria.	
List of documents to be scanned and uploaded within the period of bid submission.	
1	Financial turn over certified by CA
2	Profit and loss statement certified by CA.
3	Latest Bank solvency certificate not less than 40% of the Estimated cost shown in tender
4	List of SIMILAR WORKS completed in last 7 years indicating: i) Agency for whom executed ii) value of work, iii) Stipulated and actual time of completion and iv) Work completion / Performance certificate of work orders attached.
5	List of SIMILAR WORKS in hand indicating i) Agency ii) Value of work, iii) Stipulated time of completion/present position.
6	Contractor has to submit undertaking that payment to workers will be done through Bank.
7	List of Technical staff, equipment & infrastructure available with the firm
8	Certificates:
i)	Registration certificate, if any
ii)	Certificates of work experience/performance certificates/
iii)	GST Registration Certificate and acknowledgement of up to date GST filed return.
iv)	PAN (Permanent Account Number) Registration
9	Details of online payment towards cost of tender processing fee.
10	EPF registration certificate
11	ESI registration certificate
12	Contractor has to submit undertaking that payment of EPF share of firm on worker's EPF accounts. (Scanned copy of original certificates to be uploaded)
13	Valid labor license
14	Make in India Declaration
15	Declaration regarding Restrictions on procurement of services from Bidders from a country or countries, or a class of countries under Rule 144(xii) of the General Financial Rules 2017.


 (S. Jagga Rao)
 General Manager, HWP (M)
 (Signature of the tender inviting authority)
 For and on behalf of President of India

Distribution
 All Notice Boards,
 Heavy Water Board Website,
 P&AO, HWPM

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भारत सरकार
परराष्ट्र कार्यालय
भारी पानी संयंत्र (मद्रास)

दस्तावेज संख्या : 08746 - 234408/234808
दिनांक: 02.02.2024

ई-टेंडर नोटिस सं. भापासन HWPM/आई I-पीP/ आईटी IT / 2024/01

भारत के राष्ट्रपति के लिए और उनकी ओर से महसुबखान, भारी पानी संयंत्र (मद्रास), गैतमीनगर, पोस्ट: अश्विनपुर 507116, मद्रास-कोटागुडम जिला (तेलंगाणा) द्वारा पात्र ठेकेदारों से दो बोली ई-निविदा प्रणालि द्वारा निम्नलिखित कार्य एवं बूटों के अनुसार ऑन लाइन ई- निविदाएं आमंत्रित की जाती हैं। अपरिचित ठेकेदार जो इस नोट की पात्रता मानदंड को पूरा करते हैं वे भी आवेदन कर सकते हैं।

1	नोटिस सं.	भापासन HWPM/आई I-पीP/ आईटी IT / 2024/01
2	कार्य का नाम	वेब आधारित अस्पताल प्रबंधन प्रणाली (एचआईएमएस) सॉफ्टवेयर का डिजाइन, विकास, स्थापना
3	निविदा की अंकीकृत लागत	₹.87,50,000/-
4	ईएमडी	₹.1,75,000/-
5	कार्य पूर्ण होने की अवधि	18 महीने
6	निविदा प्रक्रिया शुरू	-शुरू-
7	ईएमडी	कान और लेखा अधिकारी एचआईएमएस (एम) के पास में, अनुसूचित बैंक द्वारा जारी डीडी / एचडीआर के रूप में, एचबीआई, एचआईएमएस) शाखा पर जारी किया गया।
8	निविदा नगर (पीजी) एवं प्रत्यक्ष जमा (एसडी)	निविदा राशि का 3% बीबीसी + 2.5% एसडी
9	प्रतिभूति जमा के लिए नगर अवधि	दो महीने
10	निविदा बुझने के साथ निविदा दस्तऐवजों को देखने और डाउनलोड करने की निर्धारित दिनांक	निविदा दस्तावेज/प्रारंभ https://eprocure.gov.in/eprocure/app वेबसाइट से 20.02.2024 (10.00 बजे) से दोपहर और डाउनलोड किए जा सकते हैं। निविदा को www.hwb.gov.in वेबसाइट पर केवल देखा जा सकता है।
a)	पीडीएफ फॉर्मट में निविदा दस्तावेज को नि:शुल्क देखना	कृपया यहां दिए गए निर्देशों का पालन करें https://eprocure.gov.in/eprocure/app
b)	निविदा में भूल होने के लिए एक्सेल फॉर्मट में निविदा दस्तावेजों का क्रय	कृपया यहां दिए गए निर्देशों का पालन करें https://eprocure.gov.in/eprocure/app
11	बोली पूर्व स्पष्टीकरण दिनांक	बुलाने से पूर्व इच्छुक निविदाकर्ताओं के संदेह यदि कोई है, को दूर करने की तिथि दिनांक 26.02.2024 (14.00 बजे से 16:00 बजे तक) .
12	ऑन लाइन निविदाओं को जमा करने की अंतिम तिथि एवं समय	01.03.2024, 14:00 बजे तक या इससे पूर्व
13	निविदा प्रक्रिया शुरू एवं ईएमडी हेतु मूल डीडी/बीसी/बीजे जमा कराने की अंतिम तिथि आदि	उप महाप्रबंधक (पी), भारी पानी संयंत्र, (मद्रास) कार्यालय में दिनांक 07.03.2024 (14.00 बजे) तक या इससे पूर्व।
14	तकनीकी बोली ऑन लाइन खोलने की अंतिम तिथि	07.03.2024, 14:30 बजे के बाद
15	पात्र बोलीकर्ताओं की वित्तीय बोलियों को खोलने की अंतिम तिथि	पात्र बोलीकर्ताओं को सूचित किया जाएगा।

16	<p>एक कार्य के लिए बोली विधीय बोली खोलने की तारीख से अंतिम तिथि हेतु 90 दिनों तक अवधि तक रहेगा। यदि कोई बोलीकर्ता अपने बोली उक्त तारीख तक का अवधि-वश जारी करने तक जो भी पहले हो वास्तु में है। या बोली के शर्तों में कोई आशंकन करते हैं। जो स्वकार को खरीदार नहीं है तब स्वकार बिना कोई पूर्णपत्र के 50% की ब्याना जमा करने का अधिकार होगा। इससे अलग बोलीकर्ता को पुन-बोली (रि-बिडिंग) के प्रोसेस के तहत में भाग लेने हेतु अनुमति नहीं दी जाएगी।</p>
नोट Notes:	
1.	निविदा अधिसूचना एवं दस्तावेज वेबसाइट https://eprocure.gov.in/eprocure/app पर उपलब्ध हैं।
2.	केवल पर्यवेक्षण हेतु निविदाओं को खरीद/उपकरण/संसाधन/संसाधन का जमा करा सकते हैं।
3.	इच्छित एजेंसियां इस वेबसाइट https://eprocure.gov.in/eprocure/app पर पंजीकरण कर सकती हैं।
4.	<p>इस समय सहायक/सुप्टीकरल हेतु सांकेतिक 24 x 7</p> <p>1. श्री. पूषन बोरसे: 2276665878 (bhusharborse2421@gmail.com)</p> <p>2. श्री. मयूर जाधव: 9604212555 (mayur842@gmail.com)</p>
5.	अन्य जानकारी हेतु कृपया सांकेतिक कॉल (08746)- 234403 / 234450 / 234799, फैक्स: (08746) 224833 (सर्वाधिकार सुरक्षित) या ईमेल: gm@man.hwb.gov.in और सिटिलिनि dymn_ip@man.hwb.gov.in का सिटिलिनि प्रेषित
1	लेखक जो निम्नलिखित अपेक्षाओं की पूर्ति करते हैं वे ही केवल पात्र होंगे। (संगठित एकात्म स्वीकार्य नहीं होंगे)
A	सरकारी/अर्ध-सरकारी संगठनों जैसे डीएच/बीएआरसी/सीपीडब्ल्यू, एनएस, बीएसएनएल, रेलवे आदि के साथ उपयुक्त श्रेणी का पंजीकरण का ब्याना प्रकृति के कार्य को करने का अनुभव
B	<p>दिनांक 31.12.2023 से गा 07 वर्षों में नीचे दिए गए कार्यों को संतोषजनक रूप से पूर्ण किया जाना चाहिए</p> <p>1. i) तीन समान कार्य पूर्ण किए गए हों जिसमें से प्रत्येक की आकलित लागत 40 प्रतिशत से कम नहीं हो। या</p> <p>ii) दो समान कार्य पूर्ण किए गए हों जिसमें से प्रत्येक की आकलित लागत 60 प्रतिशत से कम नहीं हो। या</p> <p>iii) एक समान कार्य पूर्ण किया गया हो जिसकी आकलित लागत 80 प्रतिशत से कम नहीं हो।</p> <p>"एक जैसे कार्य" से आशय है "वीएचवी, जावा या किसी बैंक एनलिकेडन प्रोबर्बर्क का उपयोग उनके कस्टमर कॉन्टैक्ट्स निकाल"</p>
C	<p>बोली खोलने वाले को निम्नानुसार ब्याना पत्र प्रस्तुत करना होगा:</p> <ol style="list-style-type: none"> 1. "वीएचवी ब्याना" में और पुष्टि करते हैं कि यह समान कार्यों को बैंक-टू-बैंक आधार पर किसी अन्य टेकनोलॉजी के माध्यम से निष्पादित किया गया है, नहीं कराया गया है। इसके अलावा, यदि ऐसा कोई उल्लंघन विभाग के ब्याना में अंतर है, तो मुझे/हमें ब्याना में एकात्मपुष्टि/वीएचवी में बोली खोलने से हमें/हमें के लिए प्रतिबंधित कर दिया जाएगा। इसके अलावा, यदि काम शुरू होने की तारीख से पहले ऐसा कोई उल्लंघन विभाग के ब्याना में अंतर है, तो प्रचुरी अधिवक्ता ब्याना राशि जमा/प्रदान नारदी की पूरी राशि जमा करने के लिए स्वतंत्र होगा। 2. ब्याना/ब्याना निविदाओं की किसी बंध होने के साथ विभाग द्वारा जारी किए गए बोली-पूर्व स्पष्टीकरणों को डाउनलोड कर लिया है और अनुसार निविदा जमा कर रहे हैं। 3. यह ब्याना देना कि कंपनी परिचयपत्र, अदालत रिजोल्यूशन या इसी तरह की कार्यवाही के अधीन नहीं है 4. विधिवत तब हुए कर्तव्य और मुद्रांकित निविदा प्रकृति के साथ प्रेषित कर 5. बोली खोलने की तारीख से 120 दिनों के भीतर निविदा/ब्याना की ब्याना के लिए बोलीकर्ताओं की खरीदारी। 6. नोट इन इतिहास: न्यूनतम स्थानीय सामग्री बोली खोलने वाले द्वारा अपनी निविदा में ही जमा करनी वस्तुएं और सेवाएं होने चाहिए निविदा मूल्य के 20% अथवा संबंधित विभाग द्वारा निर्धारित प्रतिशत के अधिक की "न्यूनतम स्थानीय सामग्री" संलग्न "न्य-प्रमाण के लिए प्रामुख्य" के अनुसार बोली खोलने वाले द्वारा स्थानीय सामग्री पर एक-प्रमाण "नोट इन इतिहास" नीति को प्रकटितता (रु.10 करोड़ से कम या उसके बराबर खरीद मूल्य के लिए) उनके प्रस्ताव में न्यूनतम स्थानीय सामग्री का प्रतिशत और भाग में स्थान, जहां स्थानीय है, का संकेत मिलता है मूल्यांकन किया जाता है।
D	आईटीसी के अनुसार तब 5 वर्षों का वार्षिक टर्नओवर या लागत या इनमें से कम (यदि लागत का औसत वार्षिक टर्न ओवर निविदा में दी गई आकलित लागत का कम से कम 50% होना चाहिए और दिनांक 31.03.2023 (या वित्तीय वर्ष) को समाप्त तब 5 वर्षों के दौरान कोई भी 2 में अधिक वर्षों में न हुई हो।
E	किसी भी अनुसूचित बैंक से कार्य की आकलित लागत के 40 प्रतिशत का नवीनतम सालवर्षी प्रमाण पत्र। निविदा खोलने की तारीख से एक वर्ष के अंतर जारी नवीनतम सालवर्षी प्रमाण-पत्र
F	वर्तमान में किए जा रहे एवं या 7 वर्षों के दौरान किए गए कार्य, जिसमें इनका प्रत्येक हो। किन्तु एजेंसी के लिए कार्य किया गया है, ii) कार्य का मूल्य का) निर्धारित एवं वार्षिक कार्यपूर्ण अवधि या कार्य की वर्तमान स्थिति
G	समय पर कार्य पूर्ण करने के लिए एजेंसी द्वारा रखे गए निम्न संघर्ष, मशीनरी, उपकरण, अतिरिक्त एवं अत्यंतसमस्तक सुविधाओं की सूची
H	जिन तकनीक साधक को उपरोक्त रखा है, उनकी सूची।
I	प्रमाण पत्र: (मूल प्रमाण पत्रों की सूचीन बोधी अपलोड की जाए। बोली खरीद प्रपत्र के साथ मूल प्रतियां प्रस्तुत किया जाए।
i)	कार्य-निष्पादन/कार्य-पूर्ण होने का प्रमाण पत्र
ii)	बीएसटी पंजीकरण प्रमाणपत्र और अद्यतन बीएसटी रेटन की राशियां।
iii)	टिन पंजीकरण
iv)	पैन (सूचार्थी लेखा संख्या) पंजीकरण
v)	टेनेन्ट का ईवीएल पंजीकरण संकेत
vi)	टेनेन्ट का ईएसआई पंजीकरण संकेत
2.	<p>आवेदन करने वाले बोलीकर्ता अनुसूचित। : "सविदा की शर्तें एवं शर्तों" की शर्तोंन अनुसार निविदाओं के अनुसार तब अवश्य पुरान से पढ़नी चाहिए। यदि वह स्वयं को को पात्र समझता है और उसके पास सभी अपेक्षित दस्तावेज हैं केवल तब ही उसे अपनी बोली प्रस्तुत करनी चाहिए। विभाग के पास यह पूर्ण अधिकार है कि वह उन एजेंसियों के निविदा दस्तावेजों पर विचार नहीं कर सकती हैं जिन्होंने एनआईटी की विधियाओं पूरा नहीं किया है / या गा समय में उनके द्वारा किए गए कार्य के बारे में प्रतिकूल रिपोर्ट पाई गई हो।</p>

3	निविदाकारों के लिए सूचना और अनुदेश को वेबसाइट पर रखा गया है टेंडर अफ़ाइन का एक भाग होगा।
4	निविदा दस्तावेज़ क्लियर किए जाने वाले कार्यों की योजनाएं, डिटेल्स, गाइडेंस की अनुसूची शामिल है और अनुपालन की जाने वाली शर्तों की सूची एवं अन्य आवश्यक दस्तावेज़ https://eprocure.gov.in/eprocure/app वेबसाइट पर देखी एवं डाउनलोड की जा सकती है और वेबसाइट www.hwb.gov.in पर विस्तृत देखी जा सकती है। निविदा दस्तावेज़ को डाउनलोड/डाक शुल्क) करने के लिए वेबसाइट https://eprocure.gov.in/eprocure/app पर अपलोड किया गया है। (यदि निविदा दस्तावेज़ों में कहीं उल्लेख किया गया हो)
5	बोली को ऑनलाइन तभी अपलोड किया जा सकता है जब आवश्यक सूचनाएं दिए गए दस्तावेज़ों जैसे ईएसडी के लिए बोली संरक्षा प्रथम एवं निविदा दस्तावेज़ शुल्क ऑनलाइन में क्रेडिट/डेबिट कार्ड द्वारा मेसर्स आईटीआई सिस्टिम्स को अदा किया गया हो।
6	बिना टेकेंटलों का अनुरोध वेबसाइट का पंजीकरण नहीं है उनसे अनुरोध है कि वे पंजीकरण करा लें। यदि आवश्यक है तो वे वेबसाइट पर उल्लेख सूचना के अनुसार ऑन लाइन बोली लगाने का प्रक्रिया प्रत्यक्ष कर सकते हैं।
7	अपेक्षा करने वाले बोलीकारों के पास बोली दस्तावेज़ करने के लिए मार्ग बोली-1। डिजिटल दस्तावेज़ होने चाहिए।
8	बोली जाने की तिथि पर टेकेंटर ऑनलाइन कर सकता है और बोली खोलने की प्रक्रिया देख सकता है।
9	विद्युतीय टर्न ओवर का प्रमाण पत्र: बोली प्रस्तुत करने के समय टेकेंटर सोफ्टवेयर वॉलेंट बॉली दस्तावेज़ में निर्धारित अथवा विद्युतीय टर्न ओवर प्रमाण पत्र अपलोड कर सकता है और आवश्यकता होने पर अनुरोधित लक्ष्यी बोली खोलने के बाद अपलोड किए जा सकते हैं। तुलना पत्र का पूर्ण बंदन अपलोड करने की आवश्यकता नहीं है। सी.ए. द्वारा जारी मुद्रा प्रमाणपत्र की प्रती ई.एस.डी. के साथ प्रस्तुत करें।
10	टेकेंटर प्रत्येक पद की दर को कोट करें। अंकों में कोट किया गया कोलम को खोलें ता से विचारता गया है और यदि बिक्रि (पूर्व) कर भरी जाती है तो इनका रंग असमान हो जाता है। इनके अतिरिक्त किसी सेल को संशोधित करने का कोई बंधन नहीं है कि कोई सेल खाली छोड़ा जा सकता है जो उसकी प्रती "0" समझी जाएगी। अतः यदि कोई सेल खाली छोड़ा जाता है और बोलीकार द्वारा कोई भी दर कोट नहीं की जाती है तो ऐसे पदों की दर को "0" (शून्य) माना जाएगा। फिर भी, यदि कोई टेंडर आइटम पर टेंडर में प्रत्येक आइटम के डिस्काउंट दर का उद्घरण करता है या निविदा की कुल राशि पर किसी भी प्रतिशत में कटौत / नीचे कोई प्रतिशत नहीं प्रस्तुत करता है या इतिहास पर निविदा में किसी भी खंड / उप प्रमुख के रूप में निविदा को अमान्य माना जाएगा और सबसे कम निविदाकार नहीं माना जाएगा।
11	निविदा दस्तावेज़ लेने वाले टेकेंटर को ईमेल एवं ईएचआई पंजीकरण के विवरण देना होगा और निविदा दस्तावेज़ के साथ प्रस्तुत करना होगा।
12	यह अनिवार्य है कि इन टेंडर के लिए तैयार कर्मीयों के ईमेल एवं ईमेल यूनिवर्सल लेखा संख्या (एएएल) के विवरण को प्रस्तुत करना होगा।
13	टेकेंटर को यह सुनिश्चित करना होगा कि उनके अमान्यता के ईमेल उनके खोलने में निश्चित रूप से जमा होना चाहिए और इस संबंध में अंतर्देशित प्रस्तुत करना होगा। टेकेंटरों के अपने कर्मचारियों के ईमेल लेखा संख्या नोट पास अपलोड में ही देना अनिवार्य होगा यदि ऐसा न करने पर अनुपालन से नोट पास अपेक्षा नहीं किया जाएगा।
14	यह अनिवार्य है कि निविदाकार ईमेल एवं ईएचआई संसाधन जो देना होगा और उचित पुनरावृत्ति हेतु मिल को प्रस्तुत करती समय दस्तावेज़ी प्रमाण प्रस्तुत करना होगा। उक्त प्रकार के दस्तावेज़ प्रस्तुत करने के बाद ही मिल पर कार्यवाई की जाएगी।
15	सफल बोलीकारों द्वारा निविदा का स्वीकृति पत्र प्राप्त होने के बाद 7 दिन के अंदर निष्पादन शर्तों (निविदा शुल्क के 3%) निर्धारित स्वीकृति पत्र में देना एवं लेखा अधिकारी, भाषा(म) के पास में प्रस्तुत करना होगा। इस प्रस्तुत अथवा को प्रभावी अपिलेट द्वारा 1 से 7 दिनों तक बढ़ाया जा सकता है बतौर कि निष्पादन शर्तों के प्रति दिन 0.1% के विलंब शुल्क, विलंबित अथवा के लिए अदा करना होगा। इस अवधि पर होने के बाद ईएसडी को बिना किसी सूचना के जमा किया जाएगा। सी.बी.डी. प्रस्तुत करने पर सफल बोलीकारों द्वारा प्रस्तुत ई.एस.डी. लौटाया जाएगा।
16	गैर करणीय प्रभावी में बोली की स्थिति में और यदि संशोधित विद्युतीय बोली प्रस्तुत करने के उपयुक्त है तो यह आवश्यक होगा कि वे संशोधित विद्युतीय बोली प्रस्तुत करें। यदि नहीं प्रस्तुत की जाती है तो पूर्ण में जमा की गई बोली को अमान्य हो जायगी।
17	निर्माण के साथ यह अधिकार है कि वे बिना कोई कारण बताए किसी संभावित अपेक्षा को स्वीकार करे या अस्वीकार करे।
18	प्रस्तुत कर में जीएसटी, सेवीज (अगर कोई हो) ईएचआई और ईमेल (निविदा का संसाधन) को छोड़कर शामिल है। हालांकि ईएचआई और ईमेल की प्रसिद्धि संबंधित प्राधिकारियों को पुनरावृत्ति करने वाले दस्तावेज़ी सक्षम प्रस्तुत करने पर की जाएगी।
19	कर योग्य वस्तुओं या कर्तों या सेवाओं या दोनों एवं अन्य कर लागू टीडीएस, एचए, शुल्क और सेवी मीयूटा दरों के अनुसार वार्षिक बिलों और अतिरिक्त बिलों से कटौती की जाएगी।
20	एजेन्सियों की कटौती जारी जारी संभव (मनुष्य) द्वारा उचित विशेषज्ञों की तकनीकी पुनरावलोकन समिति द्वारा उनके प्रस्तावों एवं किए गए कर्तों के निरीक्षण के माध्यम से की जाएगी।
21	बाद में यह पता चलता है कि आवश्यकता है कि आवश्यकता है कि कोई सूचना पत्र है तो वस्तु टेंडर/भाषाओं में कार्य करने से बंधित कर दिया जाएगा।
22	यह अनिवार्य है कि सफल बोलीकारों कार्य करने वाले अपने कर्मियों के लिए जारी जारी संभव, मनुष्य स्थित कन्वर्ट, सीआईएलएफ़ इकाई कार्यलय से प्रवेक नोट पास प्राप्त करने हेतु अनिवार्य रूप से "पुलिस अधीक्षक कार्यालय, भाइयों - कोलापुडेम जिला" से "पुलिस सत्यापन प्रमाणपत्र" की व्यवस्था करें।
23	यह अनिवार्य है कि कार्य अंतर्गत बिलों पर भाषा(म), मनुष्य में कार्य प्राप्त करने के पूर्व/15 दिनों के भीतर सफल बोलकारों अनिवार्य रूप से रातव / केड संस्कार के प्राधिकारियों से अंतरराज्यीय प्रभावी नजदूर लाइसेंस और नजदूर लाइसेंस प्रस्तुत करें। ऐसा न करने पर कार्य करने के लिए क्रेडिट/डेबिट के अमान्यता को नोट पास जारी नहीं किया जाएगा।
24	सुरक्षा कर्मियों से बोली लगाने वाले को अथवा उनके इतिनिधियों को पूर्ण अनुमति दिए और संभव के भीतर जलेश की अनुमति नहीं होगी। बोली लगाने वाले जो संभव परिसरों (कार्य मुद्रांकन के इलाक़ हेतु/निविदा दस्तावेज़ लेने के लिए/पूर्व-बोली संसाधन) में आना चाहते हैं उन्हें अग्रदरस्तरकारी को वन से वन दो दिन/अगमन तिथि से) पहले उद्घरण सूचित करें और प्रवेश हेतु अनुमति प्राप्त करें तथा वे प्रवेश करने से पहले सांख्यिक जांचकर्ता के रूप में सुरक्षा जांच पूरी कराए।
25	भाषा(म) में सभी डाक वर उद्घरण के ईमेल प्रमाण अनुपालन द्वारा किए जा रहे हैं जोकि भाषा(म) के प्रशासनिक पत्र में स्थित हैं, दस्तावेज़ों के आन्तरिक प्रेषण में दो कार्यदिशकों का समय लगता है। सभी से अनुरोध है कि वे अपने-अपने दस्तावेज़ों को उद्घरण भेजें। निर्माण किसी भी प्रकार से डाक/पत्र व्यवहार

	में विलम्ब के लिए जिम्मेदार नहीं होगा।
26	निविदा प्रस्तुत करने से पहले, निविदाकर्ता साइट और कार्यों के क्षेत्र का वास्तविक निरीक्षण कर खुद संतुष्ट हुआ माना जाएगा, सभी शर्तों की उल्लंघनाओं का निषेधन के दौरान ध्यान में रखा जाएगा और निविदा पत्रों में दी गई छंट उके की सलाहपत्रों के साथ काम पूरा करने के लिए अग्रिमता की पूरी संतुष्टि हेतु पर्याप्त और सब-मिलाकर है।
27	केंद्रीय माल और सेवा कर अधिनियम 2017 (सीजीएसटी) / एकीकृत माल और सेवा कर अधिनियम, 2017 (आईजीएसटी) / लघु बंध के लागू और सेवा कर अधिनियम, 2017 (यूटीजीएसटी) / संबंधित राज्य के राज्य माल और सेवा कर अधिनियम, 2017 (एसजीएसटी) के तहत में भी केंद्रीय / राज्य सरकार द्वारा अधिसूचित और जारी की गई सभी नए नोटिफिकेशन और कानून, निविदाकर्ता यह सुनिश्चित करें कि इन्पुट टैक्स क्रेडिट (आईटीसी) का लाभ उनके द्वारा लिया जा सकता है, जैसे वही को उद्घृत करने हुए माना जाता है।
28	सकल निविदाकर्ता, सीजीएसटी / आईजीएसटी / यूटीजीएसटी / एसजीएसटी अधिनियम के तहत प्रयोजित होने के लिए उत्तरदायी है, उका प्रदान करने के तुरंत बाद सीजीएसटी / आईजीएसटी / यूटीजीएसटी / एसजीएसटी अधिनियम के तहत आवश्यक अन्य विवरण के साथ ही भागान्तन को संपेना, जिसके बिना कोई भुगतान जारी नहीं किया जाएगा। संबंधित प्राधिकारियों को लागू जीएसटी ब्या के लिए ठेकेदार जिम्मेदार होगा।
29	यदि सकल निविदाकर्ता सीजीएसटी / आईजीएसटी / यूटीजीएसटी / एसजीएसटी अधिनियम के तहत प्रयोजित नहीं है, तो भागान्तन रिस्क धारण मैकेनिज्म (अंतरनीयता) के तहत अपने बिलों से लागू जीएसटी कटौती की जाएगी और संबंधित प्राधिकरण को बका किया जाएगा।
संभावित रजिस्ट्रारों सूचना इस बात से संतुष्ट हो जाए कि उन्होंने निविदा प्रस्तुत करने से पूर्व एनआईटी के सभी भागान्तनों को पूरा कर लिया है। बिना के पास यह अधिकार है कि निर्धारित भागान्तनों को पूरा न करने वाली एजेंसियों की निविदाओं पर विचार नहीं कर सकता है।	
बोली प्रस्तुत करने की अवधि के अंदर सूचन एवं अपलोड किए जाने वाले दस्तावेजों की सूची	
1	सीए द्वारा प्रमाणित वित्तीय टर्म ओवर
2	सीए द्वारा प्रमाणित लाभ एवं हानि विवरण
3	नवीनतम बैंक साहचर्य प्रमाण जो कि निविदा में दर्शाई आवश्यकता के 40% से कम नहीं हो। निविदा खोलने की तारीख से एक वर्ष के अंदर जारी नवीनतम साहचर्य प्रमाण-पत्र
4	i) नए 7 वर्षों के दौरान किए गए कार्य जिसमें इनका उल्लेख हो ii) किस रजिस्ट्री के लिए कार्य किया गया है iii) कार्य का भूखण्ड iii) निर्धारित एवं वास्तविक कार्यपूर्ति अवधि iv) कार्य पूर्ण करने/कार्य आदेश का विधायन प्रमाणपत्र संलग्न करें
5	वर्तमान में किए गए कार्यों की सूची जिसमें इनका उल्लेख हो i) एजेंसी का नाम ii) कार्य का भूखण्ड iii) निर्धारित एवं वास्तविक कार्यपूर्ति अवधि
6	ठेकेदार को अडवर्टेकिंग देना होगा कि वे कार्मिकों को भुगतान बैंक द्वारा किया जाएगा।
7	तकनीकी स्टोफ, वर्क के पास मौजूद उपकरण एवं अपकरणों की सूची
8	प्रमाण पत्र
i)	पंजीकरण प्रमाण पत्र यदि कोई है तो
ii)	कार्य अनुभव/कार्य-निष्ठादन प्रमाणपत्र
iii)	जीएसटी पंजीकरण का प्रमाण पत्र और कलकत्ता जीएसटी वेदन की पासवर्ड।
iv)	पैन (सूचना सेवा सञ्चालन) पंजीकरण
9	निविदा इच्छित भूखण्ड हेतु ऑनलाइन भुगतान का ब्यौरा बोली वस्तुओं के मूल्य हेतु किसी भी अनुसूची बैंक का डिमांड ड्राफ्ट/भुगतान या बैंकर सैंत
10	ठेकेदार का इलेक्ट्रिक पंजीकरण प्रमाणपत्र
11	ठेकेदार का ईएलआई पंजीकरण प्रमाणपत्र
12	ठेकेदार को अडवर्टेकिंग देना होगा कि वे कार्मिकों को इलेक्ट्रिक उनके खाते में निर्धारित रूप से जमा होगा। (भूखण्ड प्रमाण पत्रों की सूचन जारी अपलोड की जाए)
13	बैंक शप सञ्चालन
14	पेक इन इडिया को लेकर घोषणा
15	आगत्य विधायक विधायक 2017 के विधायक 144(x) के तहत किसी देश या देशों के एक वर्ग या देशों के एक वर्ग के बोलीपालानों से खरीद या सेवाओं पर प्रतिबंध के संबंध में घोषणा।

नोट: यदि भाग के संबंध में कोई विवाद उत्पन्न होता है तो जर्बोजी पाठ अंतिम रूप से मान्य होगा।

रजिस्ट्रार
(एस. जगन राव)

सहायक निदेशक (निविदा आयोजित करने वाले प्राधिकारी का हस्ताक्षर)
भारत के राष्ट्रपति के लिए और की ओर से

सूचना:
सभी सूचना पत्र (भागान्तन)
पानी पानी बोर्ड वेबसाइट
उप सेवा नियंत्रण, भागान्तन

Schedule of Quantities

S.No	Item Description	Qty
1	Development, Deployment and Handholding of Web Application-Hospital Information Management System	1 Lumpsum
2	Supply of servers and Associated hardware as per detailed specification mentioned in the scope of work for hospital information management system:	1 Lot
3	Application roll-out and end-user support:	1 Lumpsum

Encl: Scope of Work

Scope of Work

Name of work: Design, Development, and Installation of web-based Hospital Information management System (HIMS) software

Item No:1

Development, Deployment and Handholding of Web Application-Hospital Information Management System

Part – I General Specification

A. Scope

Supply of web-based application software including Development, Testing, Installation and Commissioning of Hospital Information Management System (HIMS) software. The development shall include the following modules but is not limited to them.

Major Standard modules:

1. Reception/Registration/Authentication (biometric & CHSS no.), Consultation with queue management
2. Treatment –Diagnosis, Advice, Prescription, Regular Checkups- Doctors Desk
3. Pathological / Radiological functions
4. Nursing counter/Daycare, Vaccination
5. Internal and external pharmacies
6. Stock Management Module
7. Medicine Issue Counters (Free/Departmental and Billed/Out Sourced)
8. MIS Reports
9. Medical Record Management

Special Modules:

1. CHSS-Admin Module to create and maintain information about beneficiaries, and hospitals
2. Statutory Medical Checkup scheduling, facility for recording check-up findings and generation of required reports.
3. Outpatient and Inpatient referral form management
4. CHSS Expenditure Monitoring and Control

Detailed specifications are given in **Annexure-A & B**. The supplier has to obtain the concurrence of Software Requirement Specification (SRS) from the IT team of the Hospital Information Management Committee before starting the implementation activities. Additional Minor feature enhancements need to be done to improve user-friendliness and increase the integrity of the application. These feature enhancements shall be finalized during SRS.

B. Brief description of HWPM Hospital

HWPM Hospital has been established for the benefit of employees working in the HWPM Unit. It is functional and caters to a population of nearly 8000 providing round-the-clock patient care. The main Hospital is located at Colony Township and an OHC (Occupational Health Center) is located in the HWPM site 7km from Colony. The main hospital comprises of computerized registration center, well-equipped laboratories, wards with beds, a pharmacy, stores etc. On an average 100 people visit the hospital on a daily basis. The computerization of hospitals has been started in the year 2007. The present Hospital Information Management System (HIMS) is a client-server model.

C. Terms and Conditions

The HIMS software shall be delivered within six months from the date of issue of the work order. Suppliers having similar field experience (HIMS development)/ Web application Development using PHP frame works and Databases such as MySQL and PgSQL for a **minimum period of five years** only need to participate in the tender. Enough proof shall be produced for the supply of such software shall be enclosed.

The supplier shall have adequate knowledge about the best practices, Standards used, latest software techniques and tools available in the markets.

Once the contract is awarded, a requirement study shall be carried out by the renderer and shall generate detailed user requirements for each module and obtain approval. The development work shall be commenced only after getting the approval from the IT officials of the Hospital Information Management Committee (HIMC) or an Authorized official by the Medical Superintendent of HWPM Hospital, Manuguru.

The developed software shall be treated as the property of the HWPM hospital and a soft copy of it is to be supplied to the Authorized official.

The quotation should clearly indicate the cost of the basic product consisting of all the features described in the technical specifications, cost of interfacing equipment, cost of hardware, cost of optional items and cost of installation, commissioning & training. The cost break-ups should clearly indicate whether the cost of the above is included in the basic cost or is extra to the basic cost. Total cost is inclusive of HIMS Modules, one manpower for 1 Year. The total cost will be considered for price comparison.

D. HIMS software Development

The supplier shall be responsible for the design, development, supply and implementation of various HIMS Modules as per the specifications. The application software to be developed shall be named Hospital Information Management System (HIMS). The software modules shall be developed at the Vendor's premises. The development shall include major modules like Registration Module, Token Issue module, Appointment Module, Doctor Module, Specialty Module, Pharmacy Module, Stores Module, Pathology Lab Module, Radiology module (E-X-ray), Injection Module/Dressing Module, Casualty Module, Medical Counselor Module, MIS Module, Office Administration & Referral Module and Medical Record Management System Module as per the specification given in Annexure.

The tenderer shall include all the features that are required for the satisfactory operation of the modules wherever applicable. It is not limited to the specifications given in the Annexure. Any

changes based on user feedback shall be implemented only after the approval of the IT officials of HIMS or an Authorized official by the Medical Superintendent of the HWPM Hospital.

To start Vendor may start with Sample projects available as COTS (Commercially Off The Shelf) opensource code available in websites like CodeCanyon. But It shall meet the Specifications mentioned in this NIT and SRS agreed upon the award of work.

The Vendor shall study the existing HIMS of HWPM.

E. Time Schedule

The illustrative time schedule (guidelines) for the above work is given below

S.No	Phase	Activity	Time Schedule (Days)	
			Start	End
1.	I	Requirement Collection for all the HIMS modules, creation of Software Requirement Specification document for the HIMS system and obtaining approval	0	14
		Development, implementation, customization and validation of modules - Registration, Token issue, Appointment, Store, Pharmacy, Pathology + Doctors. Ensuring stable running of the Modules	15	60
2.	II	Development, implementation, customization and validation of modules - Casualty, Radiology module, Specialty module, Injection and Dressing. Ensuring stable running of previous modules and current Modules	61	120
3	III	Development, implementation, customization and validation of modules – , Medical Counselor, MIS and Office Administration and Referral. Smooth and stable running of previous modules and current modules	121	180
4	IV	Development, implementation, customization and validation of Medical Record Management System and stable running of the same, Testing and training to user and administrator.	180	180

F. Hardware Details

Supply of hardware- servers 2No , 42U rack with display and keyboard is in scope of the vendor. The vendor shall indicate the requirement of required and any additional hardware for the implementation of HIMS software. Detailed Specifications and additional hardware to accomplish the specified functionality are mentioned in Item-2

G. Software Architecture

The software shall be web-based and accessible from user's desktop PC through a web browser. Backend shall be developed using PHP. PHP frameworks like Codeigniter, and Laravel May be used. Codeigniter shall be preferred. The database server shall be of MySQL, PostgreSQL or Any other Open source RDBMS or Microsoft SQL server without any associated license fee. Server-side OS shall be preferably Linux or Windows. The requirement of any libraries/tools/packages for the development of HIMS software shall not carry any associated cost. It shall have a Three-Tier architecture. Client-side OS shall be Linux or Windows. Client requirements are as follows:

- Any standard browser as Client support
- Cross Browser Compatibility
- No client installation for running applications
- HTTP shall be the standard and platform-independent

Database server shall run in clustered mode. Redundant backup of the application and current database shall be available in the standby server at any point of time. Source code shall be handed over to HWPM. It shall be the property of HWPM. The successful bidder shall maintain integrity w.r.t to patient data they might handle shall sign non-disclosure agreement with HWPM for all kinds of sensitive data and Personally Identifiable Information.

H. Login Accounts

HIMS Logins accounts shall be created for various users with necessary privileges for accessing/entering/modifying the data as per the requirement.

- Administrators (Maintaining the Server and Client Systems)
- Users (Doctors, Lab Technicians, Registration staff, Store staff, Pharmacy staff and other supporting staff)
- Contractors for Backup and recovery
- Employees (For Booking Appointments, Applications for CHHS Card for self and Dependents, Checking Their and Dependent Medical Records)

Employee portal shall be provided with Multi-factor authentication using SMS and/or E-mail verification.

Privileges shall be fixed as per the functional needs and the users shall be allowed to access the specific modules pertaining to their function.

I. General Requirement of the Software

All the modules shall be web-based and the software shall support better patient care management and a quality health information system. It shall provide a more systematic and procedural approach towards patient care. The System shall be scalable.

Modules shall be developed in a phased manner and released with approval. The software shall be customizable to meet the various needs of the hospital's functional requirements.

It shall ensure the economic utilization of existing resources at the hospital and increase the overall efficiency.

The modules shall generate error-free records and provide various reports/views regarding patient data.

The important features of the modules shall include reliability, security, and quick retrieval of data and authentic information of records.

The system shall support 24 x 7 hours of working on the developed modules.

Automatic backup feature shall be provided and it shall be programmable. The system shall not encounter loss of data at any instant.

The modules shall have user-friendly GUI-designed interactive screens and each screen shall display only the relevant data with respect to the module.

Each module shall have a robust structure and provide error-free data with appropriate validation mechanisms applied. Duplicate data entry shall be avoided in an efficient way.

The screens shall be provided with common functions like SAVE, EDIT, DELETE, and EXIT and shall be enabled as per the privileges. The EXIT button shall be prominent on every screen.

The screen colours shall be chosen to support long working hours on the modules and shall be soothing to the eye.

All the modules shall be integrated as per the requirement and provide various reports/views wherever necessary.

General Formats for SCREENS / FORMS / REPORTS / VIEWS for the Software modules shall get approved before the development starts would be in line with the existing HIMS application which is in use already.

All the modules to be developed shall be subjected to a proper quality assurance plan at every stage of development.

The users shall be granted privileges as per the functions performed by each one of them for accessing/entering / modifying/ viewing the patient data.

Detailed Specifications from a Medical Point of View are mentioned in Annexure-A

Detailed Specifications from the Administration Section point of View are mentioned in Annexure-B

A web interface for the kiosk shall be made available to users to make doctor appointments by themselves. This interface shall accept authentication from 1. Smart Card, 2. Username/Password in combination with SMS/Biometric authentication. Required hardware such as SMS Gateway with subscription charges for 2 years, Multi-Factor authentication devices 3 Sets shall be supplied along with 20 Nos of Sample RFID cards to demonstrate the feature shall be supplied by the contractor.

J. Testing of Software Modules

All the modules shall be subjected to a satisfactory testing procedure and quality assurance plan by the supplier before the submission for testing by the department officials. The developed software modules shall be tested in two phases – i.e. Individual module testing and integrated testing.

Individual module testing shall include checking of all the functions with respect to each module as per the approved specification by the department.

Integrated Testing shall include checking of data entry / display of various reports / views in an integrated mode through each module. Error free data entry / retrieval mechanisms shall be checked by entering sample data by the department representative. Any feedback received during individual module checking, shall be recorded and incorporated in the module for the successful functioning of the system. Test reports shall be generated and submitted to department officials for approval.

The provided software shall be tested for OWASP Top 10 vulnerabilities and report shall be submitted.

H. Installation and Commissioning

All the software modules shall be installed and commissioned by the supplier at HWPM Hospital. The software modules shall be accepted only after thorough testing by the IT officials and the hospital representative from each department. The software modules shall be inspected by department representatives periodically.

All the functional tests shall be performed in the presence of the authorized representatives of HWPM. All the modules will be tested individually and integrated testing will be done with sample data. The performance of the database server, web server and application server shall be demonstrated.

The supplier shall install and commission the system at various client locations. The supplier shall provide the required manuals in hard copy. The commissioning report shall be given by the purchaser only after the acceptance of the system by HWPM.

I. Acceptance Criteria

After the installation and commissioning of the software at the site, all the functionalities of the modules must be demonstrated by the supplier. The performance of each module along with the integrated functioning of all modules shall be demonstrated by the supplier at the HWPM site. Based on the above-mentioned performance testing, successful completion of training and satisfactory functioning of all HIMS modules the final acceptance will be given. Warranty commences only from the date of acceptance of HIMS.

J. Payment Schedule (For Software Component)

Deliverable	Description	Time-line (Days)	% Payment
Signing of Contract		0	
Systems Requirement Study	All key aspects of design (HIMS structure, report formats, information flow, internal and external software structure and hosting arrangements, additional hardware/software/ data/ connectivity requirements, institutional arrangements, etc.) <i>in close consultation with Hospital section and EIC.</i>	14	5%
Hospital Information System Design and Development	Design Stage: information flow, institutional arrangements, software, hardware, and process design <i>in close consultation with Hospital section and EIC</i>		-
Testing including UAT	Demo with Beta version and before go live of HIMS		20%
Project Management and Monitoring System	Testing Phase: software testing, full data entry and roll- out for selected modules in implementation areas. Full Roll-out Phase: deployment of system in all project areas for full functionality Post Roll-out: hand holding support, proactive use, bug fixes & updates till end of assignment		20%
Documentation and Training	Documentation (design, use, and training manuals, organizational roles, etc.), on-the-job training		5%
Final Report	Final overview of activities, review of HIMS use, user perspectives, issues, suggestions for improvement and sustainability.	180	50%

*Supply of Hardware components shall be paid as and when the supply is completed.

K. Penalty clause

Deliverable	Description	Timeline for completion	Severity	Guideline for computation
Signing of Contract		T		
Systems Requirement Study	All key aspects of design (MIS structure, indicators, report formats, information flow, internal and external software structure and hosting arrangements, additional hardware/software/ data/ connectivity requirements, institutional arrangements, etc.) in close consultation with IP, Medical and Administration section and user.	15days	2	Penalty corresponding to the severity level shall be levied for each week of delay beyond the target
<i>Hospital Information System Design and Development</i>	<i>The Information System developed with at least known Project included in Draft stage. Design Stage: Indicators, information flow, institutional arrangements, software, hardware, and process design in close consultation with I-P section and user.</i>	<i>130days</i>	<i>4</i>	<i>Penalty corresponding to the severity level shall be levied for each week of delay beyond the target</i>
<i>Testing including UAT</i>	<i>Demo with Beta version and before go-live of HIMS</i>	<i>140days</i>	<i>4</i>	<i>Penalty corresponding to the severity level shall be levied for each week of delay beyond the target</i>
<i>Project Management and Monitoring System</i>	<i>Testing Phase : software testing, full data entry and roll-out for selected modules in implementation areas. Full Roll-out Phase: deployment of system in all project areas for full functionality Post Roll-out: handholding support, proactive use, bug fixes & updates till end of assignment</i>	<i>160days</i>	<i>4</i>	<i>Penalty corresponding to the severity level shall be levied for each week of delay beyond the target</i>
<i>Documentation and Training</i>	<i>documentation(design, use, and training manuals, organizational roles, etc.), on-the-job training</i>	<i>180 days</i>	<i>4</i>	<i>Penalty corresponding to the severity level shall be levied for each week of delay beyond the target</i>

Service Level Agreements & Penalties

- 1 This schedule details the expected service levels for various services to be provided by the Contractor. Services shall be measured against the service level metrics as explained in this schedule.
- 2 The service level targets define the levels of service to be provided by the contractor for the duration of this contract or until the stated SLA targets are amended.
- 3 Each SLA has been assigned a Severity Level and Penalties shall be applied against the corresponding payment specified in this section for not meeting the SLA.
- 4 The payment milestones referred to in this section are drawn from payment terms.
- 5 The severity levels and the corresponding penalty percentage have been defined in the table below.

Severity Level	Penalties as a percentage of payment linked to the SLA
5	Breach of any SLA with this severity level shall be treated as an event of default and the corresponding consequences as outlined in the Contract shall follow
4	10.00%
3	5.00%
2	2.00%
1	1.00%

- 6 Cumulative Penalties for each month, where the Penalty is linked to the monthly payment, shall under no circumstance exceed 25% of the fee payable for that month.
- 7 Calculation of Time Period for which a penalty is levied: The penalties applicable will be assessed for failure to meet the agreed service levels, in any Calendar month. The Calendar month shall be calculated commencing from 00.00 hours of the first day to 24.00 hours of the last day of the relevant Calendar month.
- 8 Imposition of Penalty Provisions: Imposition of penalties pursuant to this Schedule will be effective only from the Effective Date.
- 9 Disputes: The CONTRACTOR may appeal to the Authority, in writing within ten (10) working days of receipt of notification, for the imposition of any penalty or regarding the Authority's penalty calculations.
- 10 Recovery of penalties: Any penalty payable under this Contract shall be recovered through deductions from the payments specified against each SLA payable by the Authority. In the event the penalty exceeds the corresponding payments, the same shall be recovered by the Authority from the encashment/ invocation of the Performance Security.

L. Training

The supplier shall provide adequate training for all the users of HWPM Hospital. The acceptance of the system shall be given only after the users are satisfied with the modules.

Feedback from all the users shall be collected and modification if any required in order to achieve satisfactory performance of the system shall be implemented at the earliest without any delay.

Hands on Administrator training to be provided to IT team of HWPM along with administrator manual copies for one month.

M. Residential Engineer

The supplier shall provide one qualified (B.E or B.Tech in Computer Science) and experienced residential engineer who has similar work experience in HIMS. He/She shall be available right from implementation and commissioning of the project. *He/She shall be available for 1 year from the date of commissioning of the system.* He/She is responsible for training the users and smooth functioning of the HIMS. This is part of Item No:3 in the Schedule of Quantities

N. Validation

The validation of the developed HIMS modules shall be carried out by the IT members of Hospital Information Management Committee HWPM Hospital, Manuguru

O. Documents and installation CDs

Four sets of documents covering operation and maintenance of application software, System Manuals for Servers, installation CDs shall be supplied along with the system.

P. Warranty

On-site warranty should be for the period of a minimum **three** years from the date of acceptance. All general and maintenance releases of the software during this warranty period shall be supplied at free of cost. Updated training should be provided on new release. Free technical support like bug fixes, upgrades, corrective maintenance shall be provided without any additional cost during this warranty period. Manpower including resident engineers, supporting staff for data entry operations and other functions necessary for maintenance, Implementation and technical support on 24 x 7 basis shall be supplied by the supplier for successful operation during the warranty period.

Q. Abandonment of Work

In case the work is abandoned by the Firm, without good and sufficient justifications and consequent loss is suffered by HWPM in getting the left out job completed from other agency, the Firm shall be liable to compensate HWPM adequately by paying the difference(s) in the amount of the actual Contract value awarded to the new Firm for completing the left out balance work and the amount which would have been paid to the Firm had the Firm not abandoned the work.

R. Termination of Service

The purchaser without prejudice to any other remedy for breach of contract, by written notice of default sent to the supplier, may terminate this contract in whole or in part.

Important Note

The Tenderers are advised to get acquainted with the site conditions and ascertain the condition/status of the systems available at DAE hospital before quoting.

The successful bidder should execute the contract with their own man Power and the contract should not be sub contracted.

The evaluation of offer will be considered for total price quoted and not on the basis of individual items as the various systems are spread across the centre.

Incomplete price bids will be liable for rejection.

Item No: 2

Supply of servers and Associated hardware as per detailed specification mentioned in scope of work for hospital information management system:

The following hardware shall be supplied as part of Item No:2

1. Servers (Qty 2 Nos)		
	Form Factor	Rack Mount (1U Size)
	CPU Cores	8 Nos
	RAM	16 GB
	HDD	1 TB (2 Nos) (Raid Configurable) or better
	Ethernet	1 Gbps Ethernetports (2 Nos Min)
	OS	Pre loaded (Linux/Windows Licenced)
	Application Software	Php, Apache2, etc as per application requirement to be decided by supplier
2. Server Rack (Qty 1 Nos)		
	Size	42U (with Lockable castor wheels),
	Color	Black
	KVM	1 KVM with LCD Display console (Slide and fold type) shall be installed in the rack
	Power Distribution	230V AC Distribution Box shall be pre-installed
	Furniture	2 Nos of Tables along with Office chairs (Godrej or equivalent Brand)
3. Dot Matrix Printer (Qty: 3 Nos)		
	Number of Pins (Nos.)	9
	Number of Columns (Nos.)	80
	Print Speed at High Speed Draft Mode at 10 cpi (cps)	347
	Parallel Port	Yes
	USB	Yes
	Ribbon Cartridges	50 Nos (With Each Printer)
	Make	EPSON/TVS
4. All-In-One Laser Printers (Qty-3Nos)		
	Printer Type	Laser

	Functionality	All In One
	Connectivity	USB, Wi-Fi, Wi-Fi Direct
	Power Supply	230V 50HZ
	Page Size Supported	A4, Letter, A5, A5(Long Edge), A6, Executive, Legal, Folio, Mexico Legal, India Legal
	Duplex Print	Auto
	Compatible Toner	TN-2365 or HP 88A
5. Scanners (10 Nos) (Portable)		
	Connectivity	USB (Reputed brands like Canon / HP/ Brother)
	Item Dimensions	38.73 x 14.6 x 12.06 cm
	Item Weight	0.59 kg
	Media Type	Paper
	Resolution	6400
	Type	Document Feed (Simultaneous Duplex)
6. Multifactor Authentication Equipment (For demonstrating Self Appointment)		
	RFID and Fingerprint Readers (4 Nos)	
	RFID Cards (20 Nos)	
	RFID Card Printer (2 Nos)	
	SMS Gateway with 2 Year Subscription	
7. Ink Tank Color Printers – 2Nos (EPSON Eco tank L3260 or Equivalent)		
8. Announcement Speakers - 10 Nos (To be installed outside the doctor's room)		

All accessories to mount the servers inside the rack, tools tackles, Ethernet and power cabling to the servers (Limited to 50 Mtrs) are in the scope of the supplier.

Item No.3

Application roll-out and end-user support:

The contractor shall extend support for rollout, database migration, initial data entry and handholding of the system till the system stabilizes.

The contractor shall deploy one on-site engineer with a minimum qualification of B.Tech with experience in customer support and web applications, for a period of 12 months from the date of completion of developmental activity and commissioning of the system.

The support engineer shall report to EIC and carry out user support at the hospital, coordinate with the contractor for rectification of any technical issues. Shall do periodic database and application backups.

ANNEXURE-A

Functions of the Modules (Medical Related):

The different modules covering all functionalities involved in patient care are as follows:

- i. Registration / Reception
- ii. Consultation/Treatment
- iii. Pharmacy-Central stores and issue counter and outsourced pharmacy
- iv. Laboratory (Pathology & Radiology)
- v. Vaccination
- vi. Nursing counter / Day Care
- vii. Injection Room counter
- viii. Dressing room counter
- ix. Medical Social Worker
- x. Biomedical Disposal

All the modules and their functionalities proposed in HMS for HWPM – OHC & Colony Hospital are described below:

1. **Registration/Reception:**

This module mainly deals with patient registration, maintenance of doctors and their available schedules and generating statistical/MIS reports.

- i. CHSS Number to be used as a unique identification number for the entire flow of the patient along with linkage of biometric data. Provisions are to be made so that Biometric data can be captured at the Hospital reception itself like thumb printing/web cam scan/emergency registration/Photo based registration.
- ii. Patient should have an option of web page entry and having a facility to access for their Lab reports and prescriptions of their own with security checks like OTP authentication etc if any.
- iii. The patient photograph should be visible in each and every module in application and that should be editable only by Administration user only.
- iv. In case of Bonafide Visitors/Contract labourers/Apprentice/School children's, Separate unique Identification number generation provision are to be made.
- v. Provision to Display the Queue system along with consultation room number as per scheduled appointments.

The main features /objectives of this module are:

a) **Registration**

- Registration of Emergency patients
- Registration of CISF personnel
- Registration of HWPM employees, their dependents and other units CHSS beneficiaries as per the existing practice.
- Registration of Contractors
- Registration of Apprentice
- Registration of casual laborers
- Registration of Others (Visitors and Other DAE unit employees).

- Registrations of employees / beneficiaries for various types of camps (Blood Donations , Cancer screening , Thyroid disorders , others) AND THEIR online participation certifications for the patients.
- Self Registration using smartcard/username with MFA (OTP in mail & Mobile)

b) Maintenance of Medical officers & visiting consultants and their available time schedules.

- Maintenance of visiting consultants , specialty wise
- Maintenance of allowed duration for patient visit
- Maintenance of number of visits made by the patients
- Maintenance of validity of patients and checking at the time of appointments/consultation
- Issuing of Appointments to visiting consultants and Medical Officers(**with predefined limit**).
- Cancellation / Postponement of appointments
- Transfer of appointments to other Medical Officers, in case of any non-availability of doctors due to various constraints/requirements.

c) MIS Reports.

- List of total outpatients registered
- Medical Officers Consultation-wise list
- Visiting consultants wise list
- Specialty/Department wise
- Consultants appointments – doctor-wise and department-wise

2. Consultation/Treatment:

Doctors shall have the provision to view the details of patients visiting them in each session. They shall record symptoms, diagnosis (Provisional/Final) and observations. They shall be able to enter prescription and order investigations. Doctors shall have facility to view patient's history, diagnosis, treatment / investigations, and scanned documents and x-ray images. The module shall cover in-patient diagnosis and treatment. This module shall be integrated with registration, medical stores, pharmacy & wards etc.

Upon Selection for next patient in the module, announcement of next patients CHHS number shall be made audible through speaker that is to be installed outside doctors room.

3. Pharmacy:

There are 2 types of Pharmacies available at HWPM namely In-house pharmacy and out sourced pharmacy. Whenever an e-prescription is generated, first it should be displayed/allow the window to confirm the availability of drugs from the drug item master list of the in-house pharmacy for issuing the drugs after that It will display the drug item master list of the out-sourced pharmacy, hence prescription shall split dynamically and shall be routed to both pharmacies based on stock availability. Final combined print outs of the e-Prescription will be given either at Outsourced pharmacy or in-house pharmacy with digital sign of doctor and Pharmacist. This module takes care of the activities of both the pharmacies. Its objectives are:

i) Stock-related activities

- Creation of Central medical stores and issue counter
- Receiving of material from DPS Stores to Central stores and then sub counters like Issue counter/causality/Injection room/Dressing room/OHC ETC
- Receiving of multiple items with single batch number
- Receiving the indents from sub stores
- Issuing the items of the indents to the respective indented sub stores by Medical stores.
- Stock Balance report
- Monthly stock ledger report like available medicines list at the Issue counter and main medical stores
- Stock adjustment at the end of the month/year.
- Estimation of consumption of drugs for six months.
- Slow moving and fast-moving items reports.
- Returning of items.
- Rejection of items.
- Short expiry items report.
- Expired drugs report.
- Expired drug return voucher
- Essential and Emergency drugs ledger reports
- Patient's unused medicine returned back, Item wise reports.
- Cash Purchase items inventory and reports.
- Should have an option for edit option after the stock entry in the ledger, multiplication stocks should have an edit option.
- Variable level edit option should be provided.

ii) Issue counter (Multiple)

- Provision for displaying pending prescriptions for Issue of drugs.
- Marking Issued drugs and updating the stock available.
- Identifying the non available drugs and generating pending list for out sourced pharmacy.
- Should have an option to edit manually for manually generated prescriptions.
- Provision to issue the Print out of the e Prescription with digitally sign of Doctors of their respective

iii) Out Sourced Pharmacy

- Provision to upload and update the Drugs Item Master list with Stock status and its Display in Doctors / Nurses Clinical Modules.
- Displaying pending lists generated at the In-house pharmacy
- Issuing of drugs as per pending list to the patients.
- Provision to issue the Print out of the e-Prescription with the digital signs of Doctors.
- Generation of "Non-Availability Medicine due slip" if the medicine are not readily available.
- Maintenance of e-prescription for duration of two working days for obtaining the non-available drugs (non-available medicine should be obtained within two working days by the "outsourced pharmacy")
- **System Generated "SMS"** to the beneficiary registered mobile number once No Dues items, stocks are made available at the pharmacy.

- Issue of “**Non-Availability Medicine Prescription Slip**”, If
 - Drugs are not supplied within two working days or
 - There is urgency in view of disease severity or
 - Out-Sourced Pharmacy is not in a position to supply the drugs, as the case may be.

IV) Generations of Reports -:

- Number of Due Slip Issued (day wise , month wise , quarterly and annual)
- Number of “Non-Availability Medicine Prescription Slip” issued (day wise , month wise , quarterly and annual)
- Number of issued “Due Slips” converted to prescription and drugs issued. (day wise , month wise , quarterly and annual).
- Number of Due Slips not collected by the beneficiary (weekly , month wise , quarterly and annual).
- Number of e Prescriptions not collected by the beneficiary (day wise , week wise , month-wise, quarterly and annual).
- Number of Appliances (as per Item master-wise) last Issued to the beneficiary.

3. Laboratory:

currently HWPM is having in-house laboratory for both pathology and Radiology activities and conducting various tests in these laboratories. But there is a scope for having outsourced laboratory. This module takes care of the automation of these both laboratories. Its objectives are:-

In-house Laboratory

- a. Raising Requisition for investigations for the following modalities.
 - In-house lab (list of available Investigations shall be provided by HWPM with the provision to update it as and when required)
 - Provision to generate **predefined investigations** requisitions.
 - ECG
 - Sp O₂ (Pulse oximetry) at room air / or on oxygen support
 - Random Blood Sugar (by Glucometer or manual method)
 - Digital X- Ray
 - Ultra sound
 - 2D Echo
 - PFT / Spirometry
 - Visual Acuity and Colour Vision
 - Audiometry
 - Titmus Vision test
 - Pap Smear.
 - Annual Medical Examination reports(in page like option) that should be uploadable in HIMS and that should be made available in OHC Counter
 - If any can be added from Lab from day to day should be an option
- b. Maintenance of instructions and issuing instructions to the patients regarding sample collections at the time of appointment
- c. Issuing of appointments for the required investigations.
- d. Sample collection

- e. Analysis and Result Entry (provision to interface with compatible lab equipment's and manual report entry should be there).
- f. **System Generated "SMS/e-mail"** to the beneficiary registered mobile number once lab reports are ready and also have option for the pdf of Lab reports.
- g. **Reports:**
 - Report entry.
 - Provision to generate **predefined investigation** reports.
 - Provision for **printing** the report with the Digital sign of the Lab technician/Doctor.
 - Standard reference ranges of the all laboratory parameters are to be provided.
 - Provision for viewing the reports online by authorized users.
 - Updating employee master file for future reference
 - Provision for modifying the report through addendums (max. 2 addendums)
 - Repeating of the investigation by authorized users.
 - Facility to enter various prefilled forms used during various statutory medical check-ups.
 - Provision of displaying Alert when the result value entered is more than the normal range values in result entry.
 - Provision to upload reports and digital Images of Digital X ray in doctors clinical modules (**PAC system with DICOM support**)
 - Provision to upload selected Scanned images of lab reports carried out at outside diagnostic laboratories on a referral basis.

4. Vaccination:

Vaccination will be provided to the dependents of the employees at CHC. This module captures the details of the vaccination provided. Its main objectives are:

- Maintenance of Master for Vaccinations
- Scheduling of vaccinations
- Recording the vaccination given details.
- Masters of Adverse side effects with batch number reporting with vaccination.
- Masters for Missing/drop out Vaccination cases
- Masters for monthly Vaccine stock requirements as per schedule
- Prints for Immunization / Vaccination/ Growth Chart in standard format.

5. Nursing counter / Day Care:

On doctors advice patients will be admitted in the wards. Nurses will take care of Admission, discharge process. Nurses will monitor the patient condition. Inform to the doctors, administer the medicines as prescribed by the doctors and records the TPR data. This module takes care of all these activities. Main objectives of this module are:-

- Maintenance of wards and beds
- Admission of Patient (male and female patients)
- Transfer of patient (to Observation room , ICU , or to the ward)
- Provision for recording
 - Vitals Monitoring (TPR, BP, SpO₂,RBS , ECG details).
 - I/O chart details.
 - Medication details.

- Adverse drug reaction reporting.
 - Provision for handing over and receiving the charge at the end of the shift.
 - Provision for writing nurses notes.
 - Discharge
 - Patient can be discharged with the following 2 options
 - Patient can be sent to home
 - Patient can be shifted to another recognized hospital with a OP/ IP or both referral letter either-:
 - Own transport
 - In Department Ambulance with or without Paramedical or Medical staff.
 - Generation of discharge summary with provision to print the report.
 - Generation of Nurse report for ratification.
 - Updating the beneficiary file for future reference
 - If there are Death cases then a **Provisional Death Certificate**(As per format) is to be issued
 - If Medico-Legal cases are registered then reports are to be generated
 - Drugs Administration (injection and treatment) registry in the Observation room.
- **Reports Generations**
 - List of patients admitted
 - List of patients discharged
 - Sent to home
 - Shifted to other hospitals either by Own transport or in departmental ambulance.
 - **Death cases**
 - **Medico Legal Cases.**
 - **Injections Register**

6. Dressing room:

The counter should have an of data entry that what they have done at the area like dressing anti-septic/non septic, suturing, local injection etc with sepeate clinical note.

7. Injection Room:

should have facility for the what they are did for the Doctor's prescription and clinical note option for their work and Generation of Relavant report

8. Medical Social Worker:

Presently HWPM Hospital is having qualified Medical Social Worker who takes care of various types of Counseling and other assessments in cases of psychiatric illness. This module takes care of each and every activity involved in this department. Its main

objectives are-:

- Scheduling of Cases based on advice given by Medical Officers and Visiting Consultants.

- Rescheduling to handle defaulters. **System based generated “SMS” / Email** to the beneficiary / NOK / Plant Manager registered mobile number if certain ear marked cases doesn't report for counseling sessions / follow up reviews as per schedule.
- Issue customized diet charts and life style modification regimen and readymade pamphlets (Print Out facility is to be provided).
- Generation of report in the prescribed format.
- Generation of Monthly, Quarterly and annual reports of rehabilitative services offered at CHC and OHC respectively.

9. Bio medical waste disposal-oh at Hospital and OHC

- Provision for different types of biomedical wastage disposals entry
- Wastage collection points (OHC /CHC)
- Schedule and disposal waste details
- Monthly, Quarterly and annual reports of bio medical wastage disposal.

10. Other requirements:

Separate Master register/entry requirements for :(proforma shall be provided by the hwpm)

- On Duty Injured patients (Minor/ major)
- On Duty Death patients registry
- Masters registry of Expired employee (in-service / retired)
- Medico Legal cases registry
- Special Medical board to decide whether the employee is fit or not.
- Blood Group master lists
- Notified disease registry
- Cancer patients registry
- Psychiatry illness registry
- Substance Abusers registry
- Physically Handicapped with disability registry.
- Blood donation camp registry
- First Aid training programme registry
- Health Education awareness programme / camps registry
- Rehabilitative care registry
- Female Employees ANC / MTP registry
- First Aid trained employee registry
- CISF Dog handlers vaccination registry
- CME programme conducted for Paramedical Staff / doctors at OHC /CHC registry

Separate user Id and login requirement of following types to use the system :

- **Reception** type user with valid login
- **Nursing Station** type user with valid login (Separately for OHC /Hospital)
- **Fir all Medical Officer's** type user with valid login
- **Adhoc Medical Officers type user with valid login if any**
- **Medical Superintendent(Separately for OHC and CHC)** type user with valid login
- **Visiting Consultant's** type user with valid login
- **Physiotherapist** type user with valid login if any

- **Medical Social Worker** type user with valid login
- **Pharmacist at issue counter** type user with valid login
- **Central Medical Store Manager** type user with valid login
- **Out Sourced Pharmacy** type user with valid login
- **Radiology Department** type user with valid login
- **Pathology Department** type user with valid login
- **Special test's** type user with valid login
- **Security Administrator** type user with valid login

11. Statutory medical check-ups : (Specific Functionality for OHC)

At OHC, the medical checkups and conducting the special tests and generation of reports.

A. **Medical Checkups:** Presently OHC is conducting the following types of medical checkups for HWPM employees and CISF personals

- Pre-employment Medical Checkup
- Periodic Medical Checkup
- Physician Medical Checkup
- Pre-retirement Medical Checkup
- Special Medical checkups for chronic absentees, alcoholics, Special tasks etc.
- Annual Medical Checkup for CISF personnel for SHAPE category.
- Other DAE units medical checkups.
- Other Special examinations as per requirements(for each and every event the form is provided by the HWPM)

Main objectives of this module is

- ★ Scheduling of medical checkups
- ★ Generation of report in the prescribed format and taking the employee signature on the printout
- ★ Generation reports like quarterly status,C1 form for the AERB etc

B. **Pre employment medical checkups**

- These checkups can be taken place as part of the recruitment (before joining). For this type of medical checkups, employees may not have the employee code. Provision should be given to enter the details on the day of reporting at OHC and also no Billing process for this type of medical checkups.
- During the 1st year, these employees will be in training and the medical facility will only be given for the employees but not for any dependents or beneficiaries.
- Form will be provided from HWPM and should have an option for the print in the final stage with digital sign of doctor.

C. **Periodical medical checkups**

- Scheduling employees from various categories
- Different types of categories include Dangerous, Canteen, Firemen, Colony, Drivers, Fork Lift operators, Crane operators and others.
- Maximum 15 employees will be scheduled for a medical checkup per day or it may be flexible from time to time
- Provision for Partial execution of medical checkup.

- Scheduling process can be done for the year from January to December.
- Rescheduling at year end to handle defaulters
- From October to December, all the defaulters will come for medical checkups.
- Generation of warrant / reference note contains the details of the employees scheduled for medical checkup and sent to the corresponding areas before 1 week.
- Grace period of 1 month can be taken into consideration while scheduling the employees, if the scheduled employees are less than 15 per day.
- Automatic e-mail to the plant manager / Nodal officers about defaulters
- Medical checkup Review by the Medical Officers on the same working day and various comments can be selected from the given predefined diseases codes.
- Generation of Quarterly and Annual reports submitted to AERB in the specified format.
- Annual Medical Examination format can be provided from HWPM Hospital
- For the above point Nursing and Doctors corner for their findings to be uploaded in the prescribed format and should have an option for the compilation with previous data.

D. Medical Checkups for CISF employees: Presently OHC is conducting SHAPE test for CISF employees. This module takes care of each and every activity involved in this test. Its main objectives are:-

- Scheduling of tests
- Providing SHAPE I, SHAPE II or other on the report in the required format.
- CISF special test once in 3 months Special Test ones in 3 months for cooks and other trainees

Main objectives of this module is

- Scheduling of Annual medical checkups
- Rescheduling at year end to handle defaulters
- Generation of report in the prescribed format and taking the signature on the printout.
- Generation of Monthly and annual reports of medical checkups carried out
- Annual Medical checkup follow up review by the Medical Officers on the same/next or another working day and to decide and declare whether they are fit or not (SHAPE categorization) and if they are declared unfit (Temporary or permanent) , than they are to be scheduled for review either monthly or depending upon requirements.
- Follow up alarm once in months for the CISF personals who are not declared fit during AMC .
- Prescribed format will be provided from the HWPM Hospital

E. Pre-retirement Medical Checkup: It is being carried out for all employees two months before the date of Superannuation / Voluntary Retirement from Service.

- Scheduling of Medical checkups
- Rescheduling to handle defaulters
- Generation of report in the prescribed format and taking the signature on the printout.
- Generation of annual reports of medical checkups carried out
- Issue of Summary of overall health status and last treatment details (if any) and further advice for follow-up review etc.
- Form will be provided from the HWPM

F. **Height Pass / Confined Space Worker examination:** It is being carried out for Employees / Casual workers / Contract workers, working at height above 3 meters or in the confined space (as defined) .

Main objectives of this module are:-

- Appointments of medical checkups
- Rescheduling for missing / absentees
- Generation of report in the prescribed format and taking the contract labour signature on the printout.
- Issue of the Fitness form duly signed by the Certifying Surgeons
- Monthly, Quarterly and annual reports of medical checkups carried out.
- Renewal validity alarm once three months are over from the date of issue of fitness certificate.
- Separate forms will be provided that should be an option to edit and give final report for printing with an option of digital sign

G. **Special tests: The following Special tests are carried out at OHC**

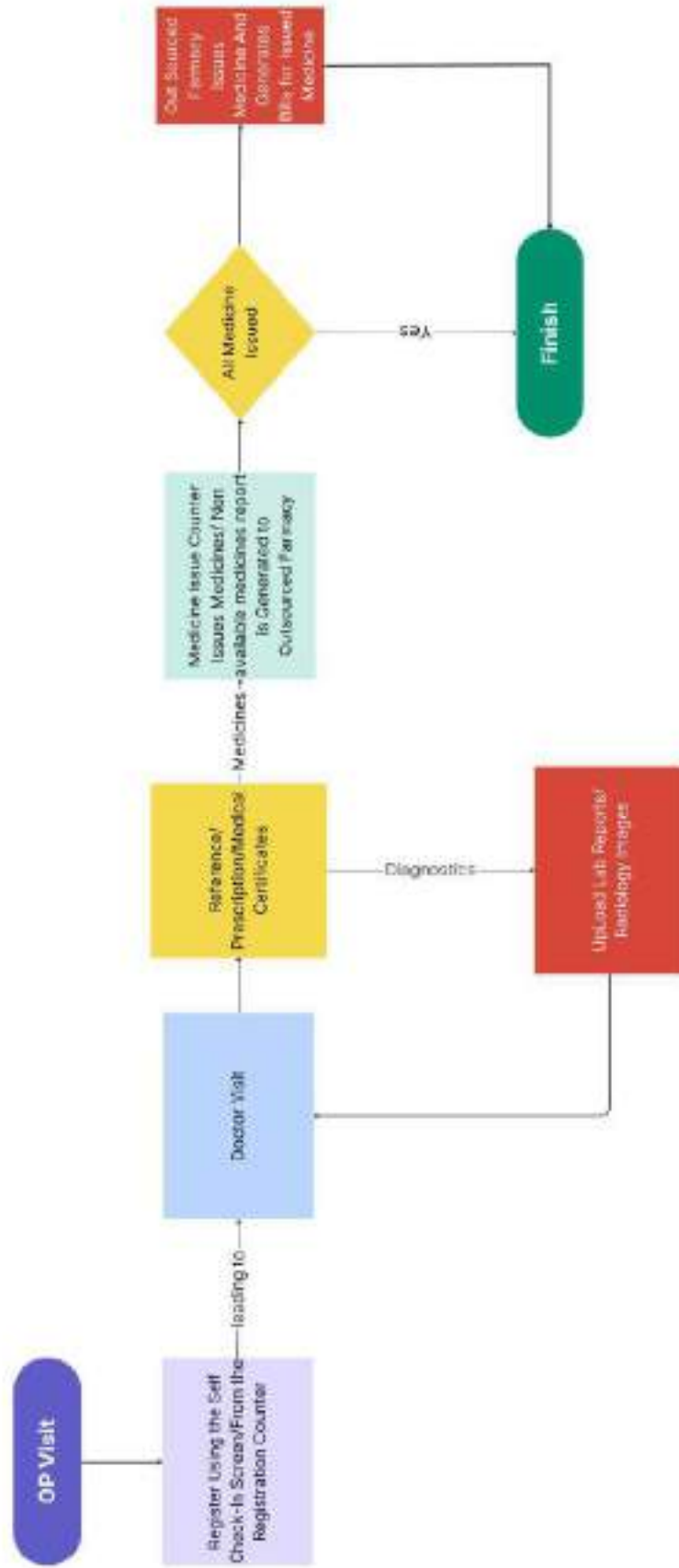
- i) Audiometry
- ii) Pulmonary Function Test - PFT / Spirometry
- iii) Alcohol Breath Analysis test
- iv) Titmus vision test
- v) Visual acuity distance and near and Colour Vision test.

The main objectives of this module are

- Capturing the test results
- Generation of graphs based on the test results
- Provision for Scanning, saving and displaying the graph file to the consultants for PFT and Audiometric tests.
- Provision for Scanning, saving and displaying the details of Titmus vision test for the issue of fitness certificate.
- Monthly and annual reports of medical checkups carried out.
- In the case of Audiometry at OHC following additional features are required:-
 - Appointments for Audiometry based on the request received from the plant managers / Medical Officers.
 - Provision to review the appointments
 - Generation of reports/graphs for the analysis.

Workflow Diagram

Out Patient Visit



ANNEXURE-B

The HIMS System shall incorporate the below two modules apart from the modules mentioned in Annexure-A (Related to medical section) to be used by the beneficiaries and administration.

1. User Portal
2. Administration Portal

User Portal:

The proposed HIMS System shall have a user portal where the user has access to the following features. Upon successful login into the system home page of the user portal shall show the menu for the following features. The login shall be made available with Multi factor authentication, using e-mail/ mobile details entered by the user used while signing up to the system.

- Own Profile
- Registration
- Consultation Booking
- Own and Dependent Diagnostics
- Pharmacy Reports
- Users Referrals / Certificates
- Know Your Doctors
- CHHS Rules and Tariffs
- FAQs
- Grievances
- CSMA Claim
- AYUSH Application / Claim
- Card Lost/ Mutilated
- Ambulance Hire Claim.

1. **Own Profile:** The user shall be shown the details of the user like name, designation, Dependent details. etc. based on the employee master provided by the administration team. The details shall include

- a. Latest colour photograph
- b. Unit
- c. IC No. / PPO No.
- d. Designation*
- e. Pay Level *
- f. CHSS No.

- g. Gender (M/F)
- h. Blood group
- i. Mobile Number
- j. Email ID
- k. Date of Birth
- l. Date of Joining Department
- m. Date of Event (Death / VRS / Transfer)
- n. Address
- o. Marital Status
- p. Aadhaar Number
- q. Ward Entitlement (Auto Generated Based on the User Paylevel)
- r. Details of Dependents
- s. Status – Locked / Unlocked
- t. Dependent Details Same as above.

The concerned Beneficiary can submit a request to update these details to the administration. These details shall be locked for editing by the user.

2. **Registration:** User shall be provided forms for registering self and their dependents for CHHS scheme. Relevant forms and required documents shall be uploaded by the user. Later administration team shall be able to review these applications and be able to communicate the deficiencies in the application or approval of the application. This module shall facilitate users with
 - a. Addition of dependent
 - b. Renewal of CHHS Card for dependents (Various Sub-categories) and Own after retirement
 - c. Deactivation
3. **Consultation Booking:** Provision shall be made available to the users to book their OP consultations with our doctors. In this screen, the system shall show the waitlist and token number for the user for the booking he has made or is about to make.
4. **Own and Dependent Diagnostics:** The user shall be given a provision to review their medical diagnostics reports. This information shall be protected as per the HIPPA (The Health Insurance Portability and Accountability Act) regulatory standard.
5. **Pharmacy Reports & Certificates and Referrals:** Users shall be given a provision to access their medical prescription, Medicine issue reports (From departmental, Outsourced and Non available medicine for each prescription), Medical Certificates and Referrals (With embedded digital sign of the issuing doctor/lab technician). Item No.4 and 5 Shall be inter-linked with the unique visit number associated with the user/dependent.

The developed application shall include static pages for FAQ, Know Your Doctor and CHHS Rules and Tariffs. Provision shall be made for updating this information to the administration section.

Various forms for CSMA Claim, AYUSH Application / Claim, Card Lost/ Mutilated, Ambulance Hire Claim, Medical Tour Claim. Shall be incorporated in the system to be used by beneficiaries.

Administration Portal:

HIMS System provides a portal for administration staff to address all the applications and requests from the beneficiaries. It includes the following approval and other procedures

- Approving requests form additions, deletions, and renewals
 - Beneficiary name, category of request, Date of receipt verify forms/documents)
 - Option to return requests for want of additional documents/ information.
- Validation of beneficiaries
 - Search by ICNO, Mobile Number, Email ID, CHHS ID
 - Option to lock and unlock beneficiaries with remarks (Both, auto on date basis and manual basis)
 - Auto Lock for Children above 18 years and Superannuation cases.
- Reports such as
 - Total no of beneficiaries
 - Total No of referrals panel hospital wise, speciality wise-Monthly, quarterly, yearly
 - Total Expenditure incurred, beneficiary wise, medicines wise, referral wise-Monthly, Quarterly, Yearly.
- Automated Bill Processing for referral hospitals:
 - This module shall contain a template to feed the following data for each referral hospital
 - Consultation charges
 - Bed Charges
 - Diagnostics Charges
 - Injection charges
 - Pharmacy Charges
 - Surgery Charges
 - It Should allow uploading of the following documents
 - CHSS Card
 - Referral Copy

- All Bills
- All Reports
- High Cost treatment Approval
- Discharge Report.

The program Should automatically allow/disallow/partially allow the charges as per CGHS tariffs and agreement conditions which are pre-fed into the system. This would reduce the bill processing time drastically from months to a few days

For all approvals of the above applications from beneficiaries and bills from referral hospitals, there is a pre-defined approval channel. Approval shall happen in the channel preferably with a unique link sent to e-mail with OTP verification, with periodic reminder mails.

FORMAT FOR SELF-CERTIFICATION UNDER PREFERENCE TO “MAKE IN INDIA” POLICY (FOR PROCUREMENT VALUE LESS THAN OR EQUAL TO Rs. 10 CRORES)

CERTIFICATE

In line with Government Public Procurement Order No.:P-45021/2/2017-BE-II dated 16/09/2020 and as amended from time to time by Department of Promotion of Industry and Internal Trade (DPIIT), Ministry of Commerce & Industry, Government of India and as applicable on the date of publication of tender, and with reference to the Tender No.: _____, we, M/s _____ (Bidder name), hereby certify that our offer includes minimum local content of _____%.

Details of location at which local value addition will be made is as follows: -----

We also understand, false declarations will be in breach of the Code of Integrity under Rule 175(1)(i)(h) of the General Financial Rule for which for which a bidder or its successors can be debarred for up two years as per Rule 151 (iii) of the General Financial Rules along with such other actions as may be permissible under law.

Further, we hereby confirm the following:

1 Whether the bidder is presently debarred / banned by any other procuring entity for violation of ‘Public Procurement (Preference to Make In India), Order 2017’ (PPP-MII Order) dated 15.06.2017 and subsequent amendments issued by Department of Promotion of Industry and Internal Trade (DPIIT) (earlier Department of Industrial Policy and Promotion (DIPP))

Yes / No

2 We agree to furnish any information as a proof of the above to your satisfaction as and when required.

Yours truly,

Date
Place

Signature.....
Name.....
Designation
Name of Bidder.....
Seal.....

Annexure to Bid Form: Eligibility Declarations

(To be submitted as part of tender/Technical Bid on company letter head along with supporting documents, if any)

Tender Document No.:

Tender Title:

Bidder's Name: _____
(Address and contact details)

Bidder's Reference No. _____

Date _____

Restrictions on procurement or services from Bidders from a country or countries, or a class of countries under Rule 144(xi) of the General Financial Rules 2017.

“We have read the clause regarding restrictions on procurement from a Bidder of a country which shares a land border with India; and solemnly certify that we are not from such a country or, if from such a country, we are registered with the Competent Authority (copy enclosed). We hereby certify that we fulfil all requirements in this regard and are eligible to be considered.”

Penalties for false or misleading declarations:

We hereby confirm that the particulars given above are factually correct and nothing is concealed and also undertake to advise any future changes to the above details. We understand that, any wrong or misleading self-declaration by us would be violation of Code of integrity and would attract penalties as mentioned in this tender document, including debarment.

(Signature with date)

(Name and designation)
Duly authorized to sign Bid for and on behalf of

(Name & address of the Bidder and Seal of Company)

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.

CHECKLIST CUM UNDER TAKING FOR BIDDERS

Tender No.:

Name of the work:

I / We, S/o

Proprietor / Partner of M/s resident

of

.....

Read all the following tender documents, thoroughly and consciously

1. Notice inviting Tender
2. Labour Wage Notice
3. Scope of work cum technical specification
4. Schedule of quantity sheet
5. Annexure form of tender (General condition of contract)
6. AERB Safety guide
7. Safety guidelines to contractors at HWP (M)
8. Format of solvency certificate
9. GCC (Part-IV) Can be viewed at CPWD web site – GCC-2021 / latest
10. Annexure to Bid Form: Eligibility Declarations
11. Format for self-certification under preference to “make in india” policy (for procurement value less than or equal to rs. 10 crores).

and agree for all the tender terms & conditions and quoted accordingly.

Hereby, abide to obey all the rules & regulations in vogue with HWP (M) during execution of work, failing which HWP (M) authorities can initiate necessary action as deemed to fit as per tender terms & conditions.

Place:

Date:

(Signature of bidder with seal)

NOTE:

1. The bidder must furnish the duly signed and stamped copy of this form along with Memorandum during uploading of their bid as a token of acceptance of our tender terms & conditions failing which the tender will be ignored. **Original shall reach the office of DGM (P), HWP (M) along with the duly filled Bid security declaration prior to opening of technical bid i.e., on or before 14:00 Hrs of 07/03/2024**
2. It may please be noted that, the successful bidder (on receipt of Letter of Acceptance of tender) must submit the entire set of tender documents duly signed and stamped on each page along with the quoted schedule of quantity (Uploaded on web page) as a procedural/administrative requirement.

Details of past experience

Tender No. : HWPM/I-P/

Tender Name :

<u>SI No</u>	<u>Name of work</u>	<u>Work Order No.</u>	<u>Work order amount</u>	<u>Remarks</u>
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				

Place:

Date:

(Signature of
the tenderer)

PART-III

Annexure to form of tender (General condition of contract)

- 3.1.0 DOCUMENT: The tenderer is deemed to have examined the parts of these tendering documents listed below and is fully informed as to the nature of the work and conditions related to its performance
- Schedule of quantity & Rate
 - Scope of work cum tech specification
- 3.2.0 OFFER: The offer shall be kept open up to 90 days after the last date for submission of tenders. However, quoted rate shall be firm for the entire currency of contract.
- 3.3.0 PRICE SCHEDULE:
- 3.3.1 The bidder shall quote firm prices in the enclosed format for the job of
..... Progressive payment will be made against submission of clear running accounts bill (as mentioned in Additional conditions of contract). Deduction towards security deposit, income tax and GST, other recoveries if any, at prevailing rates shall be made from your running account bill.
- 3.3.2 The bidder must read the complete documents and upload the duly signed and stamped copy of consolidated “**under taking sheet**” given as annexure, in-stead of taking printout & signing on each page of tender document.
- 3.3.3 Bidder shall quote the rate exclusive of EPF & ESI. EPF & ESI shall be reimbursed to contractor subject to a maximum of **15.25% (12.00% EPF and 3.25% ESI)** on manpower cost, subject to proof of documentary evidence or having complied with the provision of Act. Tenderer should possess valid EPF & ESI subscription code No. and mention the same in the tender schedule otherwise he should obtain the same within one week from the date of receipt of work order or Letter of Acceptance.
- 3.3.4 The rates quoted should be inclusive of all taxes, GST, duties and levies.
- 3.3.5 The bidder shall quote in line with HWPM requirements. Tenders with conditions and conditional rebates shall be liable to be rejected.
- 3.4.0 JOB COMPLETION SCHEDULE:
- 3.4.1 The work shall have to be completed within **18 MONTHS** from the date of start of work. The starting date will be intimated through LOA/by separate letter to the successful bidder.
- 3.4.2 Since time is essence of the contract, successful bidder **MUST** ensure timely completion of job. Completion of jobs shall mean **TOTAL** completion of all jobs listed in schedule of quantity and rates of tender documents including testing. Hot torquing jobs will be taken up after plant startup only and the exact schedule for this will be intimated afterwards.

(Format for Net worth Certificate)

FORM "B-1"

FORM FOR CERTIFICATE OF NET WORTH FROM CHARTERED ACCOUNTANT

"It is to certify that, as per the audited balance sheet and profit & loss account during the financial year.....the Net Worth of M/s.....

.....

(Name & Registered Address of individual/firm/company), as on..... (the

relevant date) is ₹ after considering all liabilities. It is further certified that, the Net Worth of the company has not eroded by more than 30% in the last three years ending on (the relevant date)."

(Signature of Chartered Accountant)

Name of Chartered Accountant

Membership No. of ICAI

Date and Seal

**GOVERNMENT OF INDIA
DEPARTMENT OF ATOMIC ENERGY
HEAVY WATER PLANT (MANUGURU)**

ITEM RATE TENDER & CONTRACT FOR WORKS

A. Tender for the work of: Design, Development, installation of web based Hospital Management System (HIMS) Software

B. Tender No: HWPM/I-P/IT/2024/01

1. To be uploaded by 14:00 Hours on **01/03/2024** at <https://eprocure.gov.in/eprocure/app>
2. To be opened in presence of tenderers who may be present at 14:30 Hours on **07/03/24** in the Office of Dy General Manager (Process), HWP (M)

Uploaded by: Name & address of the firm:

.....

.....

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 from the date of opening of technical bid in case tenders are invited on 2 bid/ envelope system (or) 60 days from the due date of opening of bid (in case of single bid 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.

A copy of earnest money in receipt treasury challan/deposit call receipt of Scheduled bank/fixed deposit receipt of a scheduled bank/fixed deposit receipt of scheduled bank/demand draft of a scheduled bank/bank guarantee issued by a scheduled bank is scanned and uploaded (For E-tender only). If I/We, fail to furnish the prescribed Performance Bank Guarantee within prescribed 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. The said Performance Guarantee shall be a guarantee to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to those in excess of that limit at the rates to be determined in accordance with the provision in Clause 12.2 and 12.3 of the tender form.

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

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

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

Dated:
Witness:

Signature of the Contractor
Postal Address

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.....

Dated:.....

Designation.....

Note:

Bidder must upload the duly signed & stamped copy of this Memorandum sheets (2 pages) and the original copy shall be forwarded to the O/o DGM (P), HWP (M) along with EMD credentials.

Government of India
Department of Atomic Energy
HEAVY WATER PLANT (MANUGURU)
e-TENDER NO. HWPM/I-P/IT/2023/3

ITEM RATE TENDER FOR WORKS

I/We hereby tender for the execution, for the President of India, for the work specified in the under written memorandum within the time specified in such memorandum, at the rates specified therein, and in accordance, in all respects, with the specifications, design, drawings and instructions with such materials as are provided for by, and in other respects, in accordance with such conditions so far as applicable.

M E M O R A N D U M

General Description of work	Design Development and Installation of web based hospital management system (HIMS) software.
Estimated cost	Rs 87,50,000/-
Earnest Money Deposit	Rs 1,75,000/-
Performance Guarantee	@ 3% of Tendered Amount
Security Deposit	@2.5% of Tendered Amount
Time Limit for completion	18 Months
Defect liability period	3 Months

I/we have read and examined the notice inviting tender, schedule A, B, C, D, E & F, Specifications applicable, drawings and designs, General rules and directions, General conditions of contract, clauses of contract, Special Conditions of contract, Schedule of Rates and other documents and rules referred to in the condition of contract and all other contains 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 the Schedule 'F', viz., Schedule of quantities and in accordance in all respects with the specifications, designs, drawings and instructions in writing referred to in Rule-1 of General Rules and Directions and in Clause 11 of the Conditions of Contract and with such materials as are provided for, by, and in respects in accordance with, such conditions so far as applicable.

We agree to keep the tender open for **one hundred and twenty (120) days** from the date of opening of the bid and not to make any modifications in its terms and conditions. **A sum of ₹ 1,75,000/- (Rupees One Lakh seventy five thousand rupees only)** has been deposited in Demand Draft / Bankers Cheque / Deposit at Call Receipt (DCR) / Fixed Deposit Receipt (FDR) issued by a scheduled bank as earnest money.

A copy of earnest money in the form of Demand Draft / Bankers Cheque / Deposit at Call Receipt (DCR) / Fixed Deposit Receipt (FDR) is scanned and uploaded. If I/We, fail to furnish the prescribed performance guarantee within prescribed period, I/we agree that the said President of India or his successors in office shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely. Further, if I/we fail to commence work as specified, I/we agree that 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, otherwise the said earnest money shall be retained by him towards security deposit to execute all the works referred to in the tender documents upon the terms

and conditions contained or referred to therein and to carry out such deviations as may be ordered, up to maximum of the percentage mentioned in Schedule 'F' and those in excess of that limit at the rates to be determined in accordance with the provision contained in Clause 12.2 and 12.3 of the tender form.

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

I/We undertake and confirm that eligible similar work(s) has/have not been got executed through another contractor on back to back basis. Further that, if such a violation comes to the notice of Department, then I/We shall be debarred for tendering in 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.

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:
Witness:
Signature:

Signatures of Contractor
Postal Address

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 the President of India for a sum Rs.....
(Rupees.....)

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

- (i)
- (ii)
- (iii)

For & on behalf of President of India

Signature

Dated:

Designation

INFORMATION REGARDING ELIGIBILITY

LETTER OF TRANSMITTAL

To
General Manager,
HWP(M)
P.O. Aswapuram-507116

Subject: Tender for the Work: Design, Development, Installation of web based Hospital Management System (HIMS) Software.

Sir,

Having examined the details given in NIT and bid document for the above work, I/we hereby submit the relevant information.

1. I/we hereby certify that all the statement made and information supplied are true and correct.
2. I/we have furnished all information and details necessary for eligibility and have no further pertinent information to supply.
3. I/we submit the requisite certified solvency certificate and authorize the representative of Director (Operation) to approach the Bank issuing the solvency certificate to confirm the correctness thereof. I/we also authorize representative of Director (Operation) to approach individuals, employers, firms and corporation to verify our competence and general reputation.

It is certified that the information given in the bid are correct. It is also certified that I/we shall be liable to be debarred, disqualified/cancellation of enlistment in case any information furnished by me/us found to be incorrect.

Enclosures:

Seal of bidder

Date of submission:

Signature(s) of Bidder(s)

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

डाक-गौतमी नगर PO Gautaminagar
अक्षपुरम Aewapuram 507 116
भद्रादी कोत्तगुडेम जिल्ला
Bhadradri Kothagudem Dist.
तेलंगाणा राज्य Telangana State

Ref. No.भापासं(म)HWP(M)/IR/21/2023/

दिनांक Dt : 21.10.2023

परिपत्र CIRCULAR

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

भारी पानी संयंत्र, मणुगुरु स्थल और कॉलोनी के सभी ठेकेदारों को सूचित किया जाता है कि मुख्य श्रम आयुक्त (केन्द्रीय), न्यू दिल्ली ने औद्योगिक कामगारों एवं सुरक्षा कर्मियों के न्यूनतम मजदूरी का संशोधन अधिसूचित किया है, जो न्यूनतम मजदूरी अधिनियम, 1948 के तहत विभिन्न अनुसूचित रोजगारों के लिए दिनांक 01.10.2023 से लागू कर रहे हैं। तदनुसार, मजदूरी की न्यूनतम दरें 01.10.2023से निम्नानुसार हैं:

All the Contractors at HWP(M) Site and HWP(M) Colony are hereby informed that the Chief Labour Commissioner (C), New Delhi has notified the revision of minimum rates of wages for Contract Workers & Security personnel, which are applicable w.e.f. 01.10.2023 in various scheduled employments notified under the Minimum Wages Act, 1948. Accordingly, the minimum rates of wages payable w.e.f. 01.10.2023 are as under :

Sl. No.	Category of work - "C" Area	Minimum wages as on 01.10.2023	Rs.ps
1.	Pump / Engine Cleaner, Hammer Man, Fireman/Unskilled		504.00
2.	Tractor Driver/Pump Engineer / Motor Mill Driver/Semi-skilled		589.00
3.	Clerical/Security Guard/Skilled		709.00
5.	Supervisor (Security)/Bull Dozer Driver / Earth moving machine driver / Road roller driver/Highly Skilled		832.00
Category of work "A" Area			
1	Security Guard		615.00
2	Supervisor (Security)		692.00

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

(श्रीमती चित्रा आर. जाधव Chitra R. Jadhav)
प्रशासनिक अधिकारी Administrative Officer-III(IR)

सभी ठेकेदार All Contractors / सभी सूचनाबोर्ड All Notice Boards.

प्रति / Copy to: महाप्रबंधक / उप महाप्रबंधक (पी. ई.एस. / गुरुभूतल) / सभी प्रबंधक (एच.एच. प्रबंधक/सहायक/सा.सा.कॉ.नि.ड. (एच.एच.) GM/ DGM (U/ESF) / CAG / DCA / All Managers / Dy. Managers / SO/PO(G) / AD(OL) HWP(M)

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