



ISO 9001 : 2008



सत्यमेव जयते

भारत सरकार
GOVERNMENT OF INDIA

परमाणु ऊर्जा विभाग
DEPARTMENT OF ATOMIC ENERGY
भारी पानी संयंत्र (मनुगुरु)
HEAVY WATER PLANT (MANUGURU)
INSTRUMENTATION -PROCESS SECTION



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Tender Document

निविदा दस्तावेज़



Tender No: HWPM/I-P/CAP/2025/1

Work: Engineering, Fabrication, Supply, Installation and Commissioning of PLC based control system for compressed air plant.

भारी पानी संयंत्र, मणुगुरु
HEAVY WATER PLANT, MANUGURU
परमाणु ऊर्जा विभाग, भारत सरकार
Department of Atomic Energy, Government of India



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

TENDER DOCUMENT

निविदा दस्तावेज़

HEAVY WATER PLANT, MANUGURU

भारी पानी संयंत्र, मणुगुरु

Tender No: HWPM/I-P/CAP/2025/1

Work: Engineering, Fabrication, Supply, Installation and Commissioning of PLC based control system for compressed air plant.

Date & Time of Online Tender Submission: 09/05/2026 up to 18:00 Hrs

Date & Time of Hard Copy Submission: 14/05/2026 up to 14:00 Hrs

Date & Time of Tender Opening: 14/05/2026 after 14:30 Hrs

Index

1. Tender Notice
2. Minimum Wages Circular
3. Technical Specification cum Scope of Work
4. Schedule Of Quantities and Rates proforma
5. Format template to be uploaded along with other documents as per NIT

भारत सरकार
परमाणु ऊर्जा विभाग
भारी पानी संयंत्र (मनुगुरु)

फोन: 08746-234408/234808
गौतमीनगर पोस्ट
अश्वपुरम -- 507 116.
भद्राद्री-कोठागुडेम जिला (त.रा.)

दिनांक: 07/04/2026

ई-निविदा सूचना संख्या: HWPM/I-P/CAP/2025/1

भारत के राष्ट्रपति की ओर से तथा उनकी तरफ से महाप्रबंधक, भारी पानी संयंत्र मनुगुरु, दो-बोली प्रणाली में ई-टेंडरिंग मोड के माध्यम से ऑनलाइन निविदाएं आमंत्रित करते हैं।

1. कार्य का संक्षिप्त विवरण		
1.1	कार्य का नाम	संपीडित वायु संयंत्र के लिए PLC आधारित नियंत्रण प्रणाली का इंजीनियरिंग, निर्माण, आपूर्ति, स्थापना और कमीशनिंग।
	निविदा संख्या	HWPM/I-P/CAP/2025/1
1.2	निविदा हेतु अनुमानित लागत	₹. 92,93,000/-
1.3	बयाना राशि (EMD)	निविदा मूल्य का @2% ईएमडी ₹. 1,85,860/- निम्न रूपों में: (i) किसी अनुसूचित बैंक का बैंकर चेक (या) (ii) किसी वाणिज्यिक बैंक का खाता प्राप्तकर्ता डिमांड ड्राफ्ट (या) (iii) किसी वाणिज्यिक बैंक की FDR (या) (iv) वाणिज्यिक बैंक द्वारा जारी बैंक गारंटी EMD "वेतन एवं लेखा अधिकारी, HWPM" के पक्ष में, SBI, HWP(M) शाखा (कोड: 20960) में देय होगा। (a) चेक के रूप में EMD स्वीकार नहीं किया जाएगा। (b) EMD DD/BC कम से कम निविदा खोलने की तारीख से 60 दिनों के लिए वैध होना चाहिए। (c) वैध EMD के बिना निविदा/प्रस्ताव अस्वीकार कर दिया जाएगा। मूल EMD देर से प्राप्त होने, मूल EMD के बिना दस्तावेज जमा करने पर सभी ऐसी निविदाएं अमान्य होंगी। जानबूझकर EMD जमा न करने के मामलों की समीक्षा HWPM निविदाओं में 12 महीनों तक भागीदारी से प्रतिबंध हेतु की जाएगी।
1.4	पूर्णता अवधि	कायदेशि जारी होने से 6 (छह) महीने
1.5	निविदा प्रसंस्करण शुल्क	केंद्रीय सार्वजनिक खरीद पोर्टल (http://eprocure.gov.in) के नियमों और शर्तों के अनुसार
1.6	सुरक्षा जमा (SD)	निविदा मूल्य का 2.5%

1.7	निष्पादन गारंटी	निविदा मूल्य का 5%
1.8	प्रकाशन तिथि	30/04/2026 (09.00 बजे) से CPPP वेबसाइट पर। https://eprocure.gov.in/eprocure/app विस्तृत NIT वेबसाइट www.hwb.gov.in पर केवल देखने के लिए उपलब्ध है।
1.9	दस्तावेज़ डाउनलोड/बिक्री प्रारंभ तिथि	30/04/2026 (09.00 बजे) से CPPP वेबसाइट पर https://eprocure.gov.in/eprocure/app
1.10	दस्तावेज़ डाउनलोड/बिक्री समाप्ति तिथि	09/05/2026 (18.00 बजे) तक।
1.11	पूर्व-बोली स्पष्टीकरण	पूर्व-बोली प्रश्नों संबंधी ईमेल निम्न आईडी पर भेजें: gm@man.hwb.gov.in सीसी: dymm_ip@man.hwb.gov.in & mm_p@man.hwb.gov.in प्रारंभ तिथि: 30/04/2026 (10.00 बजे) से। समाप्ति तिथि: 06/04/2026 (16.00 बजे) तक।
1.12	बोली प्रस्तुति प्रारंभ तिथि	30/04/2026 (10.00 बजे) से CPPP वेबसाइट: https://eprocure.gov.in/eprocure/app पर।
1.13	बोली प्रस्तुति समाप्ति तिथि	09/05/2026 (18.00 बजे) तक।
1.14	ठेकेदार प्रमाण-पत्रों (हार्ड कॉपी - प्रमाण-पत्रों की अभिप्रमाणित प्रतियाँ, पात्रता मानदंड और मूल EMD) प्रस्तुत करने की अंतिम तिथि	14/05/2026 (14.00 बजे) तक उप महाप्रबंधक (पी), भारी पानी संयंत्र, मनुगुरु, भद्राद्री-कोठगुडेम जिला -- 507 116, तेलंगाना राज्य के कार्यालय में कार्य का नाम एवं NIT संख्या लिखे सीलबंद लिफाफे में। मूल दस्तावेज़ व्यक्तिगत रूप से जमा करना अधिमन्य है। तथापि डाक/कूरियर द्वारा भेजे दस्तावेज़ भी स्वीकार किए जाएंगे, यदि वे निर्धारित दिनांक व समय तक प्राप्त हो जाएं। अन्यथा बोली पर विचार नहीं किया जाएगा।
1.15	तकनीकी बोली (भाग-A) की ऑनलाइन खोलने की दिनांक एवं समय	14/05/2026 (14.30 बजे) उप महाप्रबंधक (पी), HWPM के कार्यालय में।
1.16	योग्य बोलीदाताओं की वित्तीय बोलियाँ (भाग-B) खोलने की तिथि	बाद में सूचित किया जाएगा।
1.17	दोष देयता अवधि	कार्य पूर्णता की तिथि से 06 माह।
1.18	निविदा की वैधता	निविदा जमा करने की अंतिम तिथि से 120 दिन।
2. निविदा में भाग लेने के लिए प्रारंभिक पात्रता मानदंड:		
<p>(i) बोलीदाता उद्योग संवर्धन एवं आंतरिक व्यापार विभाग (DPIIT), वाणिज्य एवं उद्योग मंत्रालय द्वारा जारी सार्वजनिक खरीद (मेक इन इंडिया को प्राथमिकता), आदेश 2017 (समय-समय पर संशोधित) का अनुपालन करेगा। बोलीदाता को इस निविदा में प्रस्तावित स्थानीय सामग्री के% का वचन देते हुए बोली के साथ प्रतिबद्धता पत्र जमा करना होगा।</p> <p>(ii) केवल वर्ग-I स्थानीय आपूर्तिकर्ता (50% या अधिक स्थानीय सामग्री वाले आइटम प्रदान करने वाले) और वर्ग-II स्थानीय आपूर्तिकर्ता (20% या अधिक लेकिन 50% से कम स्थानीय सामग्री वाले आइटम प्रदान करने वाले) बोली लगाने के पात्र हैं। निम्नलिखित आवश्यकताएं पूर्ण करने वाले ठेकेदार ही आवेदन के पात्र होंगे।</p>		

2.1	समान प्रकृति के कार्यों के निष्पादन में अनुभव का प्रमाण। बोलीदाता को भारत में एक पंजीकृत फर्म होना चाहिए। संयुक्त उद्यम और/या कंसोर्टियम स्वीकार्य नहीं हैं।
2.2	<p>समान कार्यों में अनुभव:</p> <p>पिछले सात वर्षों में निम्न में से किसी एक परिमाण के कार्य संतोषजनक रूप से पूर्ण किए हों (निविदा आमंत्रित होने के महीने से पहले महीने के अंतिम दिन तक) (क्लाईट द्वारा जारी निष्पादन प्रमाण-पत्र के आधार पर):</p> <p>i) तीन समान पूर्ण कार्य, प्रत्येक का मूल्य अनुमानित लागत का कम से कम 40% (या)</p> <p>ii) दो समान पूर्ण कार्य, प्रत्येक का मूल्य अनुमानित लागत का कम से कम 60% (या)</p> <p>iii) एक समान पूर्ण कार्य जिसका कुल मूल्य अनुमानित लागत का कम से कम 80%</p> <p>iv) निष्पादित कार्यों का मूल्य प्रति वर्ष 7% की सरल दर से, पूर्णता की तारीख से बोली प्रस्तुति की अंतिम तारीख तक की अवधि के लिए बढ़ाकर वर्तमान मूल्य स्तर पर लाया जाएगा।</p> <p>इच्छुक बोलीदाता बोली जमा करने के पात्र होंगे यदि उनके पास सक्षम प्राधिकारी से समान कार्य संतोषजनक रूप से पूर्ण करने का निश्चित प्रमाण हो।</p> <p>"समान कार्य" का अर्थ है:</p> <p>PLC/DCS परियोजनाओं की स्थापना और कमीशनिंग</p> <p>बोलीदाता को निम्नलिखित वचन-पत्र देने होंगे:</p> <ol style="list-style-type: none"> 1. "मैं/हम वचन देते हैं और पुष्टि करते हैं कि पात्र समान कार्य किसी अन्य ठेकेदार के माध्यम से बैक-टू-बैक आधार पर नहीं करवाए गए हैं। यदि ऐसा उल्लंघन विभाग के संज्ञान में आता है, तो मैं/हम HWB/DAE में भविष्य की निविदाओं से हमेशा के लिए प्रतिबंधित कर दिए जाएंगे। यदि कार्य प्रारंभ होने से पहले ऐसा उल्लंघन विभाग के संज्ञान में आता है, तो इंजीनियर-इन-चार्ज बयाना राशि/निष्पादन गारंटी की पूरी राशि जब्त करने के लिए स्वतंत्र होगा।" 2. मैं/हम ने टेंडर की बिक्री बंद होने के बाद विभाग द्वारा जारी पूर्व-बोली स्पष्टीकरण डाउनलोड कर पढ़ लिए हैं और तदनुसार निविदा प्रस्तुत कर रहे हैं। 3. कंपनी परिसमापन, न्यायालय प्राप्ति या समान कार्यवाही में नहीं है। 4. विधिवत भरे, हस्ताक्षरित और मुहरबंद निविदा प्रारूपों सहित ट्रांसमिटल पत्र। 5. बोलीदाता द्वारा निविदा/प्रस्ताव की वैधता की स्वीकृति जमा की अंतिम तारीख से 180 दिनों के लिए। 6. मेक इन इंडिया न्यूनतम स्थानीय सामग्री: बोलीदाता द्वारा प्रस्तुत माल और सेवाओं में निविदा मूल्य के 20% से अधिक "न्यूनतम स्थानीय सामग्री" होनी चाहिए। बोलीदाता को "मेक इन इंडिया" नीति के तहत स्व-प्रमाणन प्रारूप में स्थानीय सामग्री का प्रतिशत और भारत में मूल्यवर्धन का स्थान दर्शाते हुए स्व-प्रमाणन जमा करना होगा। (₹10 करोड़ से कम या बराबर की खरीद के लिए) 7. परिशिष्ट-XII के प्रारूप के अनुसार भूमि सीमा साझा करने संबंधी घोषणा।
2.3	<p>टर्नओवर:</p> <p>ITCC या लाभ-हानि विवरण के अनुसार पिछले 5 वर्षों का वार्षिक टर्नओवर (पिछले 3 लगातार वित्त वर्षों का औसत वार्षिक टर्नओवर निविदा हेतु अनुमानित मूल्य का कम से कम 30% होना चाहिए, 31.03.2025 तक पिछले 5 वर्षों में 2 से अधिक वर्षों में हानि नहीं होनी चाहिए)। यह किसी पंजीकृत चार्टर्ड अकाउंटेंट द्वारा विधिवत ऑडिट होना चाहिए और CA का प्रमाण-पत्र स्कैन कर अपलोड करना होगा। जिस वर्ष कोई टर्नओवर नहीं है, उसे भी औसत निकालने में शामिल किया जाएगा।</p>

	<p>उन्हें 31.03.2025 तक पिछले पांच लगातार बैलेंस शीट में से दो से अधिक वर्षों में हानि (करोत्तर लाभ सकारात्मक होना चाहिए) नहीं होनी चाहिए, जो UDIN सहित चार्टर्ड अकाउंटेंट द्वारा प्रमाणित और ऑडिट किया हुआ हो। वार्षिक टर्नओवर के मूल्य को प्रति वर्ष 7% की सरल दर से बढ़ाकर वर्तमान मूल्य पर लाया जाएगा। तकनीकी बोली खोलने के बाद ठेकेदार से अतिरिक्त विवरण मांगा जा सकता है। IT रिटर्न और Form 26AS पिछले तीन उपलब्ध वर्षों के लिए टर्नओवर प्रमाण-पत्र के साथ जमा किए जाएंगे।</p>
2.4	<p>सॉल्वेंसी (या) नेट वर्थ प्रमाण-पत्र: किसी वाणिज्यिक बैंक से Form-B में बैंकर्स प्रमाण-पत्र, जो अनुमानित लागत के कम से कम 40% अर्थात रु. 37,17,000 के बराबर हो और निविदा खोलने की तारीख से एक वर्ष से अधिक पुराना नहीं होना चाहिए। (या) बोलीदाता UDIN सहित प्रमाणित चार्टर्ड अकाउंटेंट द्वारा जारी निविदा हेतु अनुमानित लागत के न्यूनतम 10% का नेट वर्थ प्रमाण-पत्र Form B1 में जमा करे।</p>
2.5	<p>बोलीदाता के पास होना चाहिए: (a) निर्धारित समय में कार्य पूर्ण करने के लिए उपकरण, सहायक उपकरण और अन्य बुनियादी सुविधाएं। (b) आवश्यक तकनीकी कर्मचारी। (c) संबंधित विभागों द्वारा जारी वैध प्रमाण-पत्र। (d) निष्पादन प्रमाण-पत्र/कार्य पूर्णता प्रमाण-पत्र। (e) PAN (स्थायी खाता संख्या)। (f) EPF और बीमा। (g) GST पंजीकरण संख्या/प्रमाण-पत्र। (h) फर्म पंजीकरण। (i) वैध श्रम लाइसेंस। (j) अद्यतन GST रिटर्न दाखिल करने की स्वीकृति।</p>
3.0 ई-टेंडरिंग: बोलीदाताओं के लिए निर्देश	
3.1	<p>निविदा दस्तावेज, जिसमें योजनाएं, विशिष्टताएं, विभिन्न प्रकार के निष्पादित किए जाने वाले आइटमों की मात्रा अनुसूची, अनुबंध की नियमों और शर्तों का सेट और अन्य आवश्यक दस्तावेज शामिल हैं, वेबसाइट Eprocure.gov.in या www.hwb.gov.in (केवल NIT) से देखे और डाउनलोड किए जा सकते हैं।</p>
3.1a	<p>पंजीकरण 1. बोलीदाताओं को केंद्रीय सार्वजनिक खरीद पोर्टल (URL: https://eprocure.gov.in/eprocure/app) के ई-प्रोक्योरमेंट मॉड्यूल पर "ऑनलाइन बोलीदाता नामांकन" लिंक पर क्लिक करके नामांकन करना आवश्यक है, जो निःशुल्क है। 2. नामांकन प्रक्रिया के भाग के रूप में, बोलीदाताओं को एक अद्वितीय उपयोगकर्ता नाम चुनना और अपने खाते के लिए पासवर्ड निर्धारित करना होगा।</p>

	<p>3. बोलीदाताओं को पंजीकरण प्रक्रिया के भाग के रूप में अपना वैध ईमेल पता और मोबाइल नंबर पंजीकृत करने की सलाह दी जाती है। इनका उपयोग CPP पोर्टल से किसी भी संचार के लिए किया जाएगा।</p> <p>4. नामांकन पर, बोलीदाताओं को CCA India द्वारा मान्यता प्राप्त किसी भी प्रमाणन प्राधिकरण (जैसे Sify / nCode / eMudhra आदि) द्वारा जारी अपना वैध डिजिटल हस्ताक्षर प्रमाण-पत्र (Class III with signing key usage) अपनी प्रोफाइल के साथ पंजीकृत करना आवश्यक होगा।</p> <p>5. बोलीदाता द्वारा केवल एक वैध DSC पंजीकृत किया जाना चाहिए। कृपया ध्यान दें कि बोलीदाता अपना DSC दूसरों को उधार देने के लिए जिम्मेदार हैं जो दुरुपयोग का कारण बन सकता है।</p> <p>6. बोलीदाता अपना उपयोगकर्ता आईडी/पासवर्ड और DSC/ई-टोकन का पासवर्ड दर्ज करके सुरक्षित लॉग-इन के माध्यम से साइट पर लॉग इन करता है।</p>
3.1b	<p>ई-पोर्टल</p> <p>a) HWB/DAE में ई-टेंडरिंग की सेवाएं केंद्रीय सार्वजनिक खरीद पोर्टल द्वारा प्रदान की जाती हैं। किसी भी तकनीकी समस्या के लिए हेल्पडेस्क से संपर्क करें। 24*7 हेल्पडेस्क नंबर: 0120-4200462, 0120-4001002, 0120-4001005 और ईमेल: Support-eproc@nic.in</p> <p>नोट: बोलीदाताओं से अनुरोध है कि किसी भी समस्या को ईमेल करते समय विषय में पोर्टल का URL और टेंडर आईडी और संपर्क विवरण का उल्लेख करें।</p> <p>b) पंजीकृत ठेकेदार ही निविदाएं खरीद/डाउनलोड और जमा/अपलोड कर सकते हैं। जो ठेकेदार उपरोक्त वेबसाइट पर पंजीकृत नहीं हैं, उन्हें DAE के साथ ई-टेंडरिंग के लिए पहले पंजीकरण करना होगा।</p> <p>c) वेबसाइट https://eprocure.gov.in/eprocure/app तक पहुंच के लिए उपयोगकर्ता आईडी और पासवर्ड होना अनिवार्य है।</p> <p>d) ई-टेंडरिंग में भाग लेने के लिए सभी आवेदकों के पास किसी भी लाइसेंस प्राप्त प्रमाणन एजेंसी से class-III डिजिटल हस्ताक्षर प्रमाण-पत्र होना अनिवार्य है।</p> <p>e) आवेदकों को उपयोगकर्ता आईडी और पासवर्ड के लिए केंद्रीय सार्वजनिक खरीद पोर्टल के साथ अपनी फर्म/कंपनी पंजीकृत करनी होगी। पंजीकरण वार्षिक पंजीकरण शुल्क का भुगतान करके और अन्य औपचारिकताएं पूरी करके किया जाएगा।</p> <p>f) जिन आवेदकों ने HWB/DAE की किसी अन्य परियोजना के लिए पहले से CPP पोर्टल से वैध उपयोगकर्ता आईडी और पासवर्ड प्राप्त किया है, उन्हें वर्तमान निविदा में भाग लेने के लिए नया उपयोगकर्ता आईडी और पासवर्ड प्राप्त करने की आवश्यकता नहीं है।</p> <p>स्पष्टीकरण और निविदा प्लेटफॉर्म संबंधी प्रश्नों के लिए संपर्क करें:</p> <p>1). श्री. भूषण बोर्से: 022-2548 6322, 7276665878 - bhushanborse2411@gmail.com</p> <p>2). श्री. मयूर जाधव: 022-2548 6322, 9404212555 - mayurj642@gmail.com</p>
3.2	<p>निविदा दस्तावेज में निम्नलिखित शामिल हैं:</p> <p>अनुभाग I - निविदा आमंत्रण सूचना (NIT)</p> <p>अनुभाग II - अनुबंध प्रपत्र, ज्ञापन और ट्रांसमिटल पत्र</p> <p>अनुभाग III - अनुबंध की विशेष शर्तें</p> <p>अनुभाग IV - अनुबंध की सामान्य शर्तें (GCC)</p> <p>अनुभाग V - प्रोफार्मा अनुसूचियां</p>

	<p>अनुभाग VI - निविदा प्रपत्र</p> <p>अनुभाग VII - सुरक्षा दिशानिर्देश</p> <p>अनुभाग VIII - एक्सेल (बोलीदाता(ओं) द्वारा https://eprocure.gov.in/eprocure/app वेबसाइट पर भरने और अपलोड करने के लिए जिसमें शामिल हैं: a) ई-निविदा - तकनीकी बोली (भाग-A) के लिए चेकलिस्ट b) वित्तीय/वाणिज्यिक बोली (भाग-B)</p> <p>अनुभाग IX - तकनीकी विनिर्देश और कार्य का दायरा</p>
3.3	<p>निविदा भागीदारी</p> <p>(a) इच्छुक बोलीदाता को "निविदा आमंत्रण सूचना" की नियम एवं शर्तों को ध्यानपूर्वक पढ़ना चाहिए। उसे केवल तभी बोली जमा करनी चाहिए जब वह स्वयं को पात्र समझे और उसके पास सभी आवश्यक दस्तावेज हों।</p> <p>(b) निविदा में भाग लेने के लिए, संभावित बोलीदाताओं को वेबसाइट http://eprocure.gov.in/eprocure/app पर अपने उपयोगकर्ता आईडी/पासवर्ड और Class III डिजिटल हस्ताक्षर प्रमाण-पत्र के साथ लॉगिन करके Part A - Techno-commercial Bid और Part B - Financial Bid का एक्सेल प्रारूप डाउनलोड करना होगा।</p> <p>(c) निविदा में भागीदारी, डाउनलोडिंग, बोली जमा करना आदि केंद्रीय सार्वजनिक खरीद पोर्टल के नियमों और शर्तों के अधीन है।</p>
3.4	<p>प्रस्ताव प्रस्तुति:</p> <p>(a) निविदा NIT में उल्लिखित दिनांक और समय से पहले निर्धारित प्रारूप में ऑनलाइन जमा की जाएगी। जमा करने का कोई अन्य तरीका स्वीकार्य नहीं है।</p> <p>(b) प्रस्ताव दो भागों में होता है - भाग-A (Techno-commercial Bid) और भाग-B (Financial Bid)। संभावित बोलीदाताओं को MS Excel वर्कबुक डाउनलोड करनी होगी जिसमें दोनों भागों और प्रारूपों की वर्कशीट हैं; एक्सेल दस्तावेजों/प्रारूपों में डेटा अनिवार्य रूप से भरें; संपादित वर्कबुक और प्रारूप बिना नाम बदले अपलोड किए जाएंगे।</p> <p>(c) भरने का तरीका: बोलीदाता को MS Excel वर्क बुक और भरे हुए प्रारूप और EMD की स्कैन प्रति भरनी होगी।</p> <p>(d) वित्तीय बोली: (i) ठेकेदार को प्रत्येक आइटम की दर उद्धृत करना सुनिश्चित करना होगा। (ii) बोलीदाता केवल भारतीय रुपए में काम के लिए बोली लगाएगा। (iii) अपलोड/जमा करने से पहले सभी आइटमों की दरें प्रत्येक आइटम की मात्रा के सामने उचित कक्षों में भरी जाएंगी।</p> <p>(iv) यदि कोई कक्ष रिक्त छोड़ा जाता है तो उसे "0" माना जाएगा। यदि कोई बोलीदाता प्रत्येक आइटम के विरुद्ध शून्य दर उद्धृत करता है या कुल राशि पर कोई प्रतिशत नहीं देता, तो निविदा अमान्य मानी जाएगी और न्यूनतम बोलीदाता नहीं मानी जाएगी।</p> <p>(v) बोली जमा करने के बाद, ठेकेदार अधिसूचित अंतिम दिनांक और समय से पहले कितनी भी बार संशोधित बोली पुनः जमा कर सकता है।</p> <p>(vi) संशोधित बोली जमा करते समय, ठेकेदार अधिसूचित अंतिम दिनांक से पहले एक या अधिक आइटम की दरें कितनी भी बार संशोधित कर सकता है।</p> <p>(vii) ठेकेदार मूल्य बोली में उद्धृत दरों का खुलासा नहीं करेगा और न ही पैरा 3.5 में उल्लिखित दस्तावेजों के साथ कोई हार्ड कॉपी संलग्न/जमा करेगा।</p> <p>(e) पैरा 3.5 में उल्लिखित दस्तावेजों की स्कैन प्रतियां भी अपलोड की जाएंगी।</p>

	<p>(f) अनिवार्य दस्तावेज अपलोड करने के लिए लिंक बनाए गए हैं। बोली जमा करने से पहले, बोलीदाताओं को प्रत्येक अनिवार्य लिंक के विरुद्ध दस्तावेज अपलोड करने होंगे। यदि कोई अनिवार्य लिंक उपलब्ध नहीं है, तो उसे अन्य दस्तावेज के रूप में अपलोड किया जाएगा।</p> <p>(g) ठेकेदार JPG और PDF प्रारूप में अतिरिक्त सहायक दस्तावेज अपलोड कर सकता है। यदि फ़ाइल का आकार 5 MB से अधिक है, तो फ़ाइल को प्रत्येक 5 MB से अधिक नहीं के टुकड़ों में विभाजित किया जाना चाहिए।</p> <p>(h) अपलोड किए गए प्रपत्रों में मांगी गई सभी जानकारी प्रासंगिक कॉलम में भरी जानी चाहिए। अपूर्ण जानकारी, स्पष्ट नहीं होने या जानबूझकर जानकारी छुपाने पर बोली अस्वीकार की जा सकती है।</p> <p>(i) ऑनलाइन निविदा दस्तावेज जमा करने में किसी भी समस्या के मामले में, आवेदक 3.1b पर उल्लिखित मोबाइल और ई-मेल पर हेल्पडेस्क की सहायता ले सकता है।</p>
3.5	<p>स्कैन और अपलोड/हार्ड कॉपी में जमा किए जाने वाले दस्तावेजों की सूची:</p> <p>A. बोली प्रस्तुति अवधि के भीतर स्कैन और अपलोड किए जाने वाले दस्तावेज:</p> <ol style="list-style-type: none"> 1. EMD. 2. CA द्वारा प्रमाणित पिछले 5 लगातार वर्षों का लाभ-हानि विवरण, 31/03/2025 तक (Form-A)। 3. 31/03/2025 तक पिछले 3 लगातार वर्षों के लिए औसत वार्षिक वित्तीय टर्नओवर का प्रमाण-पत्र (Form-A)। 4. नवीनतम "बैंक सॉल्वेंसी प्रमाण-पत्र" (Form-B) या "नेट वर्थ प्रमाण-पत्र" (Form B-I)। 5. 31/03/2025 तक पिछले 3 लगातार वर्षों का नवीनतम आयकर प्रमाण-पत्र या ITR या ऑडिट खाते का विवरण। 6. बोलीदाता द्वारा पूर्ण किए गए समान कार्यों का विवरण प्रत्येक कार्य के लिए अलग से (Form-C) सहायक दस्तावेजों के साथ - पिछले 7 लगातार वर्षों में संतोषजनक रूप से पूर्ण समान कार्यों के प्रमाण-पत्र/संदर्भ कार्य/खरीद आदेश: i) निष्पादन करने वाली एजेंसी ii) कार्य का मूल्य iii) कार्य का संक्षिप्त विवरण iv) निर्धारित और वास्तविक पूर्णता समय v) निष्पादन के लिए कार्य पूर्णता प्रमाण-पत्र। 7. हाथ में समान कार्यों की सूची (Form-D) सहायक दस्तावेजों के साथ: i) एजेंसी ii) कार्य का मूल्य iii) पूर्णता का निर्धारित समय/वर्तमान स्थिति iv) कार्य का संक्षिप्त विवरण। 8. Form-C में संदर्भित कार्य की निष्पादन रिपोर्ट (Form-E के अनुसार)। 9. बोलीदाता(ओं) को Form-F और G में अपने संगठन की जानकारी देनी होगी। 10. भारी पानी बोर्ड/परमाणु ऊर्जा विभाग के लिए किए गए समान/अन्य कार्यों का विवरण (यदि कोई हो)। 11. निविदा दस्तावेज के प्रत्येक पृष्ठ की विधिवत हस्ताक्षरित और मुहरबंद स्कैन प्रति। 12. पूर्व-बोली स्पष्टीकरण की विधिवत हस्ताक्षरित और मुहरबंद प्रति। 13. पंजीकरण प्रमाण-पत्र (श्रम लाइसेंस, ESIC, EPF आदि)। 14. GST, वर्क कॉन्ट्रैक्ट टैक्स के लिए पंजीकरण प्रमाण-पत्र और अद्यतन दाखिल रिटर्न की स्वीकृति। 15. TIN पंजीकरण प्रमाण-पत्र। 16. PAN (स्थायी खाता संख्या) पंजीकरण। 17. शपथ-पत्र: "मैं/हम वचन देते हैं और पुष्टि करते हैं कि पात्र समान कार्य(ओं) को किसी अन्य ठेकेदार के माध्यम से बैंक-टू-बैंक आधार पर नहीं करवाया गया है। यदि ऐसा उल्लंघन विभाग के संज्ञान में आता है तो मैं/हम HWB/DAE में भविष्य की निविदाओं से हमेशा के लिए प्रतिबंधित कर दिए जाएंगे।"

	<p>18. वचन-पत्र: मैं/हम ने टेंडर की बिक्री बंद होने के बाद विभाग द्वारा जारी पूर्व-बोली स्पष्टीकरण डाउनलोड कर उसी के अनुसार निविदा जमा कर रहे हैं।</p> <p>19. वचन-पत्र कि कंपनी परिसमापन, अदालती प्राप्ति या समान कार्यवाही में नहीं है।</p> <p>20. विधिवत भरे, हस्ताक्षरित और मुहरबंद निविदा प्रारूपों सहित ट्रांसमिटल पत्र।</p> <p>21. निविदा/प्रस्ताव की वैधता की बोलीदाता की स्वीकृति (जमा की अंतिम तारीख से 180 दिन)।</p> <p>B. बोली प्रस्तुति अवधि के भीतर एक्सेल प्रारूप में अपलोड किए जाने वाले दस्तावेज:</p> <p>1. भाग-A (Techno-commercial Bid)</p> <p>2. भाग-B (Financial Bid)</p> <p>C. बोली प्रस्तुति अवधि के भीतर हार्ड कॉपी में जमा किए जाने वाले दस्तावेज:</p> <p>1. Envelope-1 में EMD के रूप में मूल बैंकर चेक/FDR/DCR/BG। (यह दोहराया जाता है कि वित्तीय बोली की हार्ड कॉपी जमा नहीं की जानी चाहिए।)</p> <p>2. Envelope-1 को एक अन्य मुख्य लिफाफे में रखा जाएगा जिस पर "कार्य का नाम, निविदा खोलने की दिनांक और समय, निविदा संख्या, बोलीदाता की कंपनी का नाम आदि" उल्लिखित हो और महाप्रबंधक, HWP (मनुगुरु) को संबोधित हो। इसे DGM(P) कार्यालय में रखे टेंडर बॉक्स में नियत दिनांक और समय पर या उससे पहले डाला जाएगा।</p>
3.6	<p>आवेदकों को सलाह दी जाती है कि निविदा दस्तावेजों में किसी भी अपडेट या शुद्धिपत्र के लिए समय-समय पर उपरोक्त वेबसाइट (बोली प्रस्तुति की समय सीमा तक) देखते रहें। ऐसा न करने से बोलीदाता सभी संशोधनों/शुद्धिपत्रों सहित पूर्ण बोली जमा करने की जिम्मेदारी से मुक्त नहीं होगा। अपूर्ण बोली अस्वीकार की जा सकती है।</p>
3.7	<p>निविदाकर्ताओं को सलाह दी जाती है कि वे अपना प्रस्ताव/दस्तावेज नियत दिनांक और समय से बहुत पहले जमा/अपलोड करें, ताकि सर्वर पर अंतिम समय की भीड़ या अपलोडिंग में जटिलताओं से बचा जा सके। HWB/HWPM किसी भी कारण से दस्तावेजों के विलंबित जमा या अपलोड करने में किसी भी समस्या के लिए जिम्मेदार नहीं होगा।</p>
3.8	<p>अपूर्ण और विलंबित निविदाएं:</p> <p>(a) जो निविदाकर्ता निविदा सूचना में उल्लिखित समय और दिनांक पर या उससे पहले पात्रता मानदंड और अन्य आवश्यकताओं के अनुसार शुल्क के मूल और प्रमाण-पत्रों की प्रतियां जमा करने में विफल रहते हैं, उनका प्रस्ताव अस्वीकार कर दिया जाएगा।</p> <p>(b) प्रमाण-पत्र और शुल्क (निविदा प्रसंस्करण शुल्क/EMD) की विलंबित/देर से मूल प्रस्तुति स्वीकार नहीं की जाएगी।</p> <p>(c) विलंबित या देर से प्रस्तुत प्रस्तावों को अस्वीकार किया जाएगा। विभाग डाक विलंब के लिए जिम्मेदार नहीं होगा।</p>
3.9	<p>अमान्य निविदाएं:</p> <p>जमा की गई बोली अमान्य हो जाएगी और बोली की लागत और ई-टेंडरिंग प्रसंस्करण शुल्क वापस नहीं किया जाएगा यदि:</p> <p>(i) बोलीदाता अपात्र पाया जाता है।</p> <p>(ii) बोलीदाता निर्धारित अवधि के भीतर सभी दस्तावेज अपलोड नहीं करता।</p> <p>(iii) ऑनलाइन बोली जमा करने के समय अपलोड किए गए दस्तावेजों और भौतिक रूप से जमा किए गए हार्ड कॉपी दस्तावेजों के बीच कोई विसंगति पाई जाती है।</p> <p>सरकार न्यूनतम एक वर्ष की अवधि के लिए भागीदारी से निलंबित करने का अधिकार सुरक्षित रखती है।</p>

3.10	<p>निविदाएं खोलना:</p> <p>(a) इच्छुक बोलीदाता(ओं) द्वारा जमा किए गए ऑनलाइन निविदा दस्तावेज केवल उन बोलीदाता(ओं) के निर्धारित दिनांक और समय पर खोले जाएंगे जिनका EMD क्रम में पाया जाएगा और जिन्होंने सभी आवश्यक दस्तावेज अपलोड किए होंगे।</p> <p>(b) भाग 'A' खोलने के बाद निविदाकर्ता की वित्तीय और तकनीकी क्षमता, बोली क्षमता, मेक इन इंडिया के लिए बोलीदाता की श्रेणी (वर्ग-I/वर्ग-II), समय और गुणवत्ता जागरूकता, ठेकेदारों के चालू/पूर्ण कार्य, कार्य स्थल और कार्यालय, निष्पादित कार्यों की प्रकृति, निविदाकर्ता की संगठनात्मक संरचना, कार्य निष्पादन के लिए आवश्यक संसाधन, बाहरी दावे करने और विवाद की प्रवृत्ति, साइट नियोजन क्षमता, बैक-टू-बैक/सब-लेटिंग पर काम देने की प्रवृत्ति आदि और उनके तकनीकी-वाणिज्यिक बोली संबंधित दस्तावेजों का मूल्यांकन किया जाएगा। तदनुसार, निविदाकर्ताओं को सक्षम प्राधिकारी द्वारा योग्य/अयोग्य किया जाएगा।</p> <p>(c) बोलीदाता(ओं) द्वारा जमा किए गए सभी पात्र समान कार्यों का निरीक्षण एक समिति द्वारा किया जा सकता है।</p> <p>(d) भाग-'A' खोलने के बाद निविदा में कोई संशोधन अनुमति नहीं होगा।</p> <p>(e) भाग-B (वित्तीय बोली) केवल उन बोलीदाताओं की (तिथि अलग से सूचित की जाएगी) खोली जाएगी जो NIT में उल्लिखित पात्रता मानदंड और भाग-A (तकनीकी बोली) के मूल्यांकन में उत्तीर्ण होंगे।</p> <p>(f) बोलीदाता(ओं) खोलने के बाद बोलियों की स्थिति देखने के लिए लॉगिन कर सकते हैं।</p>
4.0	<p>संभावित एजेंसियां निविदा जमा करने से पहले सभी NIT मानदंडों की पूर्ति सुनिश्चित करें। विभाग NIT शर्तों को पूरा नहीं करने वाली एजेंसियों की निविदाओं पर विचार न करने का अधिकार सुरक्षित रखता है। यदि निविदा उचित तरीके से जमा नहीं की गई है या असंगत दरें हैं तो सरकार निविदा को अनदेखा कर सकती है।</p>
5.0	<p>बोलीदाता या उसके एजेंट द्वारा नियोक्ता को प्रभावित करने या दबाव डालने का कोई भी प्रयास उसकी बोली की अस्वीकृति का कारण बनेगा। प्रत्यक्ष या अप्रत्यक्ष रूप से किसी भी प्रकार की प्रचार-प्रसार गतिविधि सख्त रूप से प्रतिबंधित है।</p>
6.0	<p>ठेकेदार को HWPM में उन कार्यों के लिए निविदा करने की अनुमति नहीं दी जाएगी जिनमें उसके निकट रिश्तेदार (अनुबंध पुरस्कार और निष्पादन के लिए जिम्मेदार) सहायक लेखा अधिकारी के रूप में या इंजीनियर/वैज्ञानिक अधिकारी और वैज्ञानिक सहायक (दोनों सम्मिलित) के बीच किसी भी क्षमता में नियुक्त हों। इस शर्त का उल्लंघन करने पर ठेकेदार विभाग की अनुमोदित ठेकेदारों की सूची से हटाए जाने के लिए उत्तरदायी होगा।</p>
7.0	<p>भारत सरकार के किसी भी इंजीनियरिंग विभाग में इंजीनियरिंग या प्रशासनिक कार्यों में नियुक्त राजपत्रित रैंक के किसी भी इंजीनियर या अन्य राजपत्रित अधिकारी को भारत सरकार की पूर्व लिखित अनुमति के बिना सेवानिवृत्ति के बाद एक वर्ष की अवधि के लिए ठेकेदार के रूप में काम करने की अनुमति नहीं है। यह अनुबंध रद्द किया जा सकता है।</p>
8.0	<p>कार्यों की निविदा ऑनलाइन निविदा जमा करने की अंतिम तारीख से 180 दिनों (एक सौ अस्सी दिनों) की अवधि के लिए स्वीकृति हेतु खुली/वैध रहेगी। यदि कोई निविदाकर्ता उक्त अवधि या स्वीकृति पत्र जारी होने से पहले, जो भी पहले हो, अपनी निविदा वापस लेता है, या अनुबंध की नियमों और शर्तों में ऐसे संशोधन करता है जो विभाग को स्वीकार्य नहीं हैं, तो सरकार बयाना राशि का 100% जब्त करने का अधिकार सुरक्षित रखती है।</p>
9.0	<p>यदि बाद में आवेदक द्वारा प्रस्तुत कोई जानकारी गलत पाई जाती है, तो वे HWB में भविष्य में निविदा/कार्य करने से हमेशा के लिए प्रतिबंधित हो सकते हैं। कार्य शुरू होने से पहले ऐसा उल्लंघन विभाग के संज्ञान में आने पर इंजीनियर-इन-चार्ज पूरी EMD/निष्पादन गारंटी राशि जब्त करने के लिए स्वतंत्र होगा।</p>
10.0	<p>विभाग बिना किसी नुकसान या दायित्व के बोलीदाता को सूचित किए: a) अनुबंध के दायरे और मूल्य में संशोधन करने का b) कोई भी या सभी आवेदन स्वीकार/अस्वीकार करने का अधिकार सुरक्षित रखता है।</p>

11.0	एक या अधिक आइटम हटाने या जोड़ने का अधिकार: HWB/HWPM को निविदा में कार्य के लिए अनुबंध होने से पहले या बाद में एक या अधिक आइटम हटाने या जोड़ने का अधिकार होगा।
12.0	भारत के राष्ट्रपति की ओर से सक्षम प्राधिकारी न्यूनतम या किसी भी अन्य निविदा को स्वीकार करने के लिए बाध्य नहीं है और किसी भी या सभी निविदाओं को बिना कारण बताए अस्वीकार करने का अधिकार सुरक्षित रखता है।
13.0	भारत के राष्ट्रपति की ओर से सक्षम प्राधिकारी पूरी या केवल निविदा के एक भाग को स्वीकार करने का अधिकार सुरक्षित रखता है और निविदाकर्ता उद्धृत दरों पर उसे करने के लिए बाध्य होगा।
14.0	साइट भ्रमण: (i) निविदाकर्ता को कार्य स्थल और उसकी स्थानीय परिस्थितियों से परिचित होना चाहिए। (ii) इच्छुक निविदाकर्ताओं को अपनी निविदाएं जमा करने से पहले साइट और उसके आसपास का निरीक्षण करने की सलाह दी जाती है। (iii) एक निविदाकर्ता को साइट का पूर्ण ज्ञान होना माना जाएगा, चाहे वह उसका निरीक्षण करे या न करे। (iv) निविदाकर्ता कार्य के निष्पादन के लिए आवश्यक सभी सामग्री, उपकरण एवं यंत्र, पानी की सुविधा, बिजली की सुविधा, श्रमिकों के लिए सुविधाएं और अन्य सेवाओं की व्यवस्था और रखरखाव अपने खर्च पर करने के लिए जिम्मेदार होगा। (v) निविदाकर्ता निविदा जमा करने से पहले विनिर्देशों को पढ़ें और चित्रों का ध्यानपूर्वक अध्ययन करें।
15.0	संयंत्र भ्रमण: सुरक्षा कारणों से बोलीदाता(ओं) या उनके अधिकृत प्रतिनिधियों को पूर्व अनुमति के बिना संयंत्र के अंदर जाने की अनुमति नहीं है। जो बोलीदाता संयंत्र परिसर के अंदर जाना चाहते हैं (साइट भ्रमण/तकनीकी बोली और अन्य दस्तावेज जमा करने के उद्देश्य से) उन्हें भ्रमण की तारीख से कम से कम 2 कार्य दिवस पहले उप महाप्रबंधक (पी) को सूचित करना होगा। अधिक जानकारी के लिए DyMM-IP 08746-234411 से संपर्क करें और dymm_ip@man.hwb.gov.in पर ईमेल करें।
16.0	HWPM में कार्य के निष्पादन के लिए लगाए गए श्रमिकों के संबंध में पुलिस सत्यापन प्रमाण-पत्र प्राप्त करना अनिवार्य है। सफल बोलीदाता जिसकी निविदा स्वीकार की जाएगी, उसे अपने खर्च पर सभी कर्मचारियों (सरकारी/सरकारी PSU कर्मचारियों को छोड़कर) का पुलिस सत्यापन प्रमाण-पत्र (PVC) प्राप्त करना होगा। SP, भद्राद्री-कोठागुडेम के कार्यालय के माध्यम से तेलंगाना सरकार के दिशा-निर्देशों के अनुसार। संयंत्र के राष्ट्रीय महत्व को ध्यान में रखते हुए, सफल बोलीदाता सुरक्षा उपायों को सुनिश्चित करेगा।
17.0	इस अनुबंध के संदर्भ में GST ठेकेदार द्वारा देय होगा और सरकार इस संबंध में किसी भी दावे पर विचार नहीं करेगी। कर योग्य वस्तुओं या सेवाओं या दोनों पर TDS, और समय-समय पर लागू कर और शुल्क, लागू कानूनों के अनुसार बिलों से काटे जाएंगे। (i) निविदा जमा करने से पहले, निविदाकर्ता को साइट और स्थानीयता के वास्तविक निरीक्षण द्वारा स्वयं को संतुष्ट करना होगा। (ii) निविदाकर्ता CGST/IGST/UTGST/SGST अधिनियम के विभिन्न प्रावधानों की जांच करेंगे और दरें उद्धृत करने से पहले लागू करों की समीक्षा करेंगे। (iii) सफल निविदाकर्ता जो GST के तहत पंजीकृत है, अनुबंध पुरस्कार के तुरंत बाद HWPM को GSTIN जमा करेगा, जिसके बिना कोई भुगतान नहीं किया जाएगा।

18.0	उद्धृत करें सभी सामग्री, कर्मचारी, उपकरण/संयंत्र/मशीनरी सहित होंगी। सभी कर, GST, कर्तव्य और शुल्क जैसे श्रम उपकर, सेगनोरिएज आदि, प्रस्ताव जमा करने की अंतिम तारीख को लागू, सम्मिलित होंगे। EPF और ESI का नियोक्ता अंशदान ठेकेदार द्वारा संबंधित प्राधिकारियों को भुगतान किया जाएगा और इसका प्रमाण हर महीने इंजीनियर-इन-चार्ज को प्रस्तुत किया जाएगा।
19.0	उद्धृत दरों में अस्पष्टताएं: a) यदि ठेकेदार द्वारा शब्दों और अंकों में दी गई दरों के बीच अंतर हो, तो निम्न प्रक्रिया का पालन किया जाएगा। b) बोलीदाता केवल अंकों में दरें उद्धृत करेगा। शब्दों में दरें, प्रत्येक आइटम की राशि और कुल स्वतः उत्पन्न होती है। इसलिए, बोलीदाता द्वारा अंकों में उद्धृत दर को सही माना जाएगा। c) प्रतिशत दर बोली के मामले में, अंकों में उद्धृत प्रतिशत को सही माना जाएगा। d) एकमुश्त अनुबंधों में, अंकों में उद्धृत राशि को सही माना जाएगा।
20.0	"स्वीकृति पत्र" प्राप्त होने पर, सफल बोलीदाता स्वीकृति पत्र में निर्धारित प्रारूप में 07 दिनों के भीतर निविदा मूल्य का @5% निष्पादन गारंटी "वेतन एवं लेखा अधिकारी, HWPM" के पक्ष में जमा करेगा। यह प्रस्तुति अवधि EIC द्वारा लिखित अनुरोध पर 7 दिनों तक बढ़ाई जा सकती है, विलंब की अवधि के लिए PG मूल्य पर @0.1% प्रति दिन के विलंब शुल्क के साथ। PBG जमा करने पर EMD प्रमाण-पत्र वापस किया जाएगा। यदि ठेकेदार निर्धारित अवधि के भीतर निष्पादन गारंटी जमा करने में विफल रहता है, तो EMD जब्त कर लिया जाएगा।
21.0	कार्य निष्पादन के दौरान, सुरक्षा जमा (SD) रनिंग बिलों और अंतिम बिल से कटौती के माध्यम से एकत्र की जाएगी। सुरक्षा जमा निविदा मूल्य का @2.5% होगी। सुरक्षा जमा ठेकेदार के बिल के 2.5% की दर से रनिंग बिलों और अंतिम बिल से कटौती द्वारा एकत्र की जाएगी जब तक कुल SD राशि वसूल नहीं हो जाती। SD राशि FDR या डिमांड ड्राफ्ट या पे ऑर्डर या SBI, HWPM(M) शाखा पर वेतन एवं लेखा अधिकारी, HWPM के पक्ष में बैंकर्स चेक (Code: 20960) के रूप में जमा की जा सकती है। सुरक्षा जमा कार्य पूर्ण होने की वास्तविक तारीख से 3 (तीन) महीने की दोष देयता अवधि की संतोषजनक पूर्णता के बाद, जिसमें ठेकेदार अपने खर्च पर सभी दोषों को सुधारेगा, या अंतिम बिल पास होने के बाद, जो भी बाद में हो, वापस की जाएगी।
22.0	अनुबंध: ठेकेदार और HWPM के बीच लिखित अनुबंध दोनों पक्षों के अधिकारों की नींव होगी और अनुबंध पूर्ण नहीं माना जाएगा जब तक ठेकेदार और HWPM की ओर से अधिकृत अधिकारी द्वारा हस्ताक्षर नहीं किए जाते। सफल निविदाकर्ता/ठेकेदार, स्वीकृति प्राधिकारी द्वारा अपनी निविदा की स्वीकृति पर, कार्य प्रारंभ की निर्धारित तारीख से 15 दिनों के भीतर अनुबंध पर हस्ताक्षर करेगा। अनुबंध सफल बोलीदाताओं के साथ वेबसाइट https://eprocure.gov.in/eprocure/app पर अपलोड किए गए निर्धारित प्रारूप (निविदा दस्तावेज और अन्य दस्तावेज के साथ) में किया जाएगा। निविदाकर्ता के लिए सभी घटक भागों के लिए निविदा दस्तावेज पर हस्ताक्षर करना अनिवार्य होगा। सफल बोलीदाता को कार्य पुरस्कार के बाद अनुमोदन के लिए समय-सारणी और नकदी प्रवाह विवरण जमा करना होगा। बोलीदाता उक्त निविदा की विभिन्न नियमों और शर्तों के अनुसार दरें उद्धृत करेंगे जो अनुबंध का हिस्सा बनेंगी।
23.0	अधिकृत तकनीकी प्रतिनिधि: निविदा स्वीकृति पर, ठेकेदार के मान्यता प्राप्त तकनीकी प्रतिनिधि(ओं) का नाम जो इंजीनियर-इन-चार्ज से निर्देश लेने के लिए जिम्मेदार होंगे, इंजीनियर-इन-चार्ज को सूचित किया जाएगा।
24.0	कार्य के लिए साइट उपलब्ध है।

25.0	ब्याज: ठेकेदार खातों के अंतिम निपटान पर मिलने वाले बकाये पर किसी ब्याज का दावा करने का हकदार नहीं होगा।
26.0	स्पष्टीकरण और शुद्धिपत्र: विभाग द्वारा वेबसाइट https://eprocure.gov.in/eprocure/app पर MS Word, MS Excel, PDF दस्तावेजों में अपलोड किए गए स्पष्टीकरण और शुद्धिपत्र बोलीदाताओं द्वारा संपादित या सुधारे नहीं जाने चाहिए। ये दस्तावेज निविदा दस्तावेज का हिस्सा भी होंगे।
27.0	किसी निविदाकर्ता द्वारा निविदा जमा करने का अर्थ है कि उसने यह सूचना और अन्य सभी निविदा दस्तावेज पढ़े हैं और किए जाने वाले कार्य के दायरे और विनिर्देशों, नियमों और शर्तों से अवगत है।
28.0	हिंदी और अंग्रेजी संस्करणों में किसी भी विसंगति के मामले में, अंग्रेजी संस्करण अंतिम होगा।

जा. श्रीनिवास
8/11/25

(जी. श्रीनिवास)

महाप्रबंधक, HWP(M)

भारत के राष्ट्रपति की ओर से तथा उनकी तरफ से
(निविदा आमंत्रित प्राधिकारी के हस्ताक्षर)

नोट: हिंदी संस्करण अनुसरण करता है।

वितरण:

सभी सूचना बोर्ड,

भारी पानी बोर्ड वेबसाइट / वेतन एवं लेखा अधिकारी, HWPM

Government of India
Department of Atomic Energy
Heavy Water Plant (Manuguru)

Phone: 08746-234408/234808
Gauthaminagar Post
ASWAPURAM – 507 116.
Bhadradi-Kothagudem Dist. (T. S)

Dated:07/04/2026

E-TENDER NOTICE No.: HWPM/I-P/CAP/2025/1

For and on behalf of the President of India, General Manager, Heavy Water Plant Manuguru, invites Online tender(s) through e-tendering mode in two bid system.

1. Brief Details of Work		
1.1	Name of work	Engineering, Fabrication, Supply, Installation and Commissioning of PLC based control system for compressed air plant.
	Tender No.	HWPM/I-P/CAP/2025/1
1.2	Estimated cost put up to tender	₹.92,93,000/-
1.3	EMD	<p>@ 2% of the cost put to Tender Value. Earnest Money Deposit of ₹.1,85,860/- in the form of (i) Banker Cheque of a scheduled Bank (or) (ii) Account Payee Demand Draft of a Commercial Bank (or) (iii) FDR of Commercial Bank (or) (iv) A part of earnest money is acceptable in the form of Bank Guarantee including e- Bank Guarantee also. In such cases 50% of earnest money or Rs. 20 lakh whichever is less, will have to be deposited in shape prescribed above and balance can be accepted in form of Bank Guarantee issued by a Commercial Bank drawn in favor of "Pay & Accounts Officer, HWPM" payable at SBI, HWP (M) branch. (Code: 20960). (a) EMD in the form of Cheque will not be accepted. (b) The EMD DD/ BC shall be valid for minimum 60 days from date of opening of tender. (b) Tender/offer without valid EMD will be summarily rejected. DD's drawn by concerned bidders only will be accepted.</p> <p>Tender Document uploaded without Valid Soft Copy of EMD, hard copies of Documents and original EMD received late, Hard copies of documents submitted without original EMD, all such tenders are invalid and summarily rejected without any further correspondence.</p> <p>Cases of willful and habitual avoidance of submission of original EMD instruments shall be reviewed for debarment from participation in HWPM tenders up to 12 months, at the Discretion of the Competent Authority.</p>
1.4	Completion period	6 Months from the issue of work order
1.5	Tender processing fee	As per as per the terms and conditions of <u>Central Public Procurement Portal (http://eprocure.gov.in)</u>
1.6	Security Deposit (SD)	2.5% of tendered value.
1.7	Performance Guarantee	5% of tendered value.
1.8	Dates of Publishing.	From 30/04/2026 (09.00Hrs) on CPPP website. https://eprocure.gov.in/eprocure/app . Detailed NIT is also available on website www.hwb.gov.in for view only.
1.9	Document download/Sale Start date	From 30/04/2026 (09.00Hrs) on CPPP website. https://eprocure.gov.in/eprocure/app .

1.10	Document download/Sale End date	09/05/2026 (18.00 बजे) तक। Up to 09/05/2026 (18.00 Hrs).
1.11	Pre-Bid clarification	Email regarding pre-bid queries if any shall be sent to the following e-mail ids: gm@man.hwb.gov.in with Copy to dymm_ip@man.hwb.gov.in&mm_p@man.hwb.gov.in Start date: - From 30/04/2026(10.00 Hrs). End Date: - Up to 06/04/2026(16.00 Hrs).
1.12	Bid Submission start date	From 30/04/2026 (10.00 Hrs) on CPPP website: https://eprocure.gov.in/eprocure/app .
1.13	Bid Submission End date	09/05/2026(18.00 Hrs)
1.14	Last date for submission of contractor credentials (hard copies i.e. attested copies of certificates for proof of eligibility criteria and original EMD.	On or before 14/05/2026(14.00 Hrs.) in the office of Deputy General Manager (P), Heavy Water Plant, Manuguru, Bhadradi - Kothagudem District – 507116, Telangana State in a sealed superscripted envelope mentioning name of work and NIT Number. Original documents should be submitted preferably in person. However documents sent by post or courier will also be considered provided the same is received within due date & time. Failing which bid will not be considered further.
1.15	Date and time of online opening of Technical Bid (Part A)	14/05/2026 (14.30 hrs) in the office of Dy. GM (P), HWPM.
1.16	Date of opening of financial bids of qualified bidders (Part B)	Will be notified at a later date.
1.17	Defect liability period	06(Six) Months from the date of completion of work.
1.18	Validity of Tender	120 days from the last date of submission of tenders.
2.	<p>Initial Eligibility criteria for participation in tendering:</p> <p>(i) The bidder shall be compliant to the Public Procurement (Preference to Make in India), order 2017 (as amended from time to time) issued by Department for Promotion of Industry and Internal Trade (DPIIT), Ministry of Commerce and Industry. Also bidder must submit undertaking along with the bid for local content of% offered in subject tender.</p> <p>(ii) only Class-I local suppliers (suppliers offering items with equal to more than 50% local content) and Class-II local suppliers (suppliers offering items with equal to 20% but less than 50% local content) are eligible to bid</p> <p>Contractors who fulfill the following requirements shall ONLY be eligible to apply.</p>	
2.1	<p>Proof of having experience in execution of similar nature of works. Bidders should be a registered firm in India.</p> <p>Joint ventures and or Consortiums are not acceptable.</p>	
2.2	<p>Experience in similar works: Should have satisfactorily completed works of magnitude specified either of below, in the last seven years ending last day of the month previous to the one in which tenders are invited. (based on certification of performance issued by client of the works):</p> <p>i) Three similar completed works, each value not less than 40% of the estimated cost (or)</p> <p>ii) Two similar completed works, each value not less than 60% of the estimated cost (or)</p> <p>iii) One similar completed work of aggregate value not less than 80% of the estimated cost</p> <p>iv) The value of executed works shall be brought to current costing level by enhancing the actual value of work at simple rate of 7% per annum, calculated from the date completion to the last date of submission of bid.</p> <p>Intending bidder is eligible to submit the bid provided he has definite proof from the appropriate authority, which shall be to the satisfaction of the competent authority of having satisfactorily completed similar works.</p>	

	<p>"Similar Works" means works : Installation and Commissioning of PLC/ DCS projects</p> <p>Bidder shall have to furnish undertakings as under:</p> <ol style="list-style-type: none"> 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 180 days from the last date of submission of tenders. 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% 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. 7. Declaration on Land Border sharing as per the format at Annexure-XII
2.3	<p>Turnover:</p> <p>Annual turnover as per ITCC or profit and loss statement for the last 5 years (Average annual turnover for the last 3 consecutive financial years should be at least 30% of estimated value put to tender, not having incurred any loss in more than 2 years during last 5 years ending 31.03.2025. This should be duly audited by a registered Chartered Accountant and scanned copy of certificate from CA to be uploaded. Year in which no turnover is shown would also be considered for working out the average.</p> <p>They should not have incurred any loss (profit after tax should be positive) in more than two years during available last five consecutive balance sheets ending with 31.03.2025, duly certified and audited by the Chartered Accountant (with UDIN).</p> <p>The value of annual turnover figure shall be brought to current value by enhancing the actual turnover figures at simple rate of 7% per annum. Year in which no turnover is shown would also be considered for working out the average. (Scanned copy of Audited Balance Sheet by Chartered Accountant with UDIN to be up loaded).</p> <p>Further details if required may be asked from the contractor after opening of technical bids. IT returns and Form 26AS for the available immediate last three years shall be submitted by the bidders along with the Turnover certificate".</p>
2.4	<p>Solvency (or) Net worth Certificate:</p> <p>Should have Banker's certificate (In form-B) from a commercial Bank equal to a minimum of 40% of the estimated cost i.e., Rs 37,17,000 and should not be older than one year from the date of opening of tender. A copy of Certificate issued by any commercial Bank is required to be uploaded and submitted.</p> <p>(OR)</p> <p>The bidder should submit Net worth Certificate of minimum 10% of Estimated cost put to tender issued by the certified chartered Accountant with Unique Document Identification Number (UDIN) . The same is required to be uploaded and submitted on the format prescribed in Form B1.</p>
2.5	<p>The bidder should have</p> <ol style="list-style-type: none"> (a) Tools, equipments, accessories & other infrastructure facilities to complete the work in scheduled time. (b) Required Technical staff. (c) Valid certificates issued by concerned departments (d) Performance Certificates/Work Completion Certificates

	<p>(e) PAN (Permanent Account Number) (f) EPF & Insurance (g) GST Registration Number/Certificate. (h) Firm Registration (i) Valid labourlicence (j) Acknowledgement of up to date GST filed Return.</p>
3.0	e-Tendering: Instructions for Bidders
3.1	The tender document consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents can be seen and downloaded from website Eprocure.gov.in or www.hwb.gov.in (NIT only) .
3.1a	<p>Registration</p> <ol style="list-style-type: none"> Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal (URL:https://eprocure.gov.in/eprocure/app) by clicking on the link "Online bidder Enrollment "on the CPP Portal which is free of charge. As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts. Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal. Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sify / nCode / eMudhra etc.), with their profile. Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they donot lend their DSC's to others which may lead to misuse. Bidder then logs in to the site through the secured log-in by entering their user ID / password and the password of the DSC /e-Token
3.1b	<p>e- Portal</p> <ol style="list-style-type: none"> The services for e-tendering in HWB/DAE are provided by Central Public Procurement Portal., For any technical related queries please call the Helpdesk. The 24*7 Help desk numbers 0120-4200462, 0120-4001002, 0120-4001005 and Email: Support-eproc@nic.in Note: Bidders are requested to kindly mention the URL of the portal and Tender ID in the subject while emailing any issue along with the contact details. Registered contractors can only purchase/download & submit/upload tenders after paying requisite fees if any. Those contractors not registered on the web site mentioned above, are required to get registered beforehand for e-tendering with DAE. It is mandatory for the applicants to have user ID &password to get access to the website https://eprocure.gov.in/eprocure/app It is mandatory for all the applicants to have class-III digital signature certificate from any of the licensed Certifying Agency to participate in e-tendering. The applicants have to get registered their firm / company with the service provider, Central Public Procurement Portal for user ID & password. The registration shall be done by paying an annual registration fees to Central Public Procurement Portalifanyand completing other formaiities as mentioned in the above website. For assistance/ clarifications please contact Helpdesk. The 24*7 Help desk numbers 0120-4200462, 0120-4001002, 0120-4001005 and Email:Support-eproc@nic.in The applicants, who have already obtained such valid user ID and password from Central Public Procurement Portal, for any other project of HWB/DAE, need not obtain fresh user ID and password for the purpose of participation in the present tender. In case of any clarification and tender platform related queries Please contact: 1). Shri. BhushanBorse:022-2548 6322, 7276665878- bhushanborse2411@gmail.com 2). Shri.MayurJadhav : 022-2548 6322, 9404212555- mayurj642@gmail.com
3.2	<p>Tender document consists of the following: Section I-Notice Inviting Tender (NIT), Section II- Form of Agreement, Memorandum and Letter of Transmittal Section III- Special conditions of contract. Section IV- General Condition of Contract (GCC) Section V- Proforma Schedules</p>

	<p>Section VI- Tender forms Section VII- Safety Guidelines Section VIII- Excel (to be filled and uploaded by bidder(s) on https://eprocure.gov.in/eprocure/app website) containing</p> <ol style="list-style-type: none"> e-TENDER – Checklist for Technical Bid (Part-A) Financial/Commercial bid (Part-B) <p>Section IX- Technical Specification and Scope of Work</p>
3.3	<p>Tender Participation</p> <p>(a) The intending bidder must read the terms and conditions of “NOTICE INVITING TENDER” carefully. He should only submit his bid if he considers himself eligible and he is in possession of all the documents required.</p> <p>(b) To participate in the tender, Prospective Bidders are required to download the excel format of Part A – Techno-commercial Bid and Part B-Financial Bid after Login in the Home page of the website http://eprocure.gov.in/eprocure/app with their User ID /Password & Class III Digital Signature Certificate.</p> <p>(c) Participation in Tender, downloading, submission of bids etc. is subject to the terms and Conditions of <u>Central Public Procurement Portal</u>.</p>
3.4	<p>Submission of offer:</p> <p>(a) The tender shall be submitted online in the prescribed format before the date and time as mentioned in NIT. No other mode of submission is acceptable.</p> <p>(b) Offer consists of two parts Part – A (Techno-commercial Bid) and Part –B (Financial Bid).Prospective Bidders has to download MS Excel workbook containing worksheets of both parts and the formats, invariably fill the Data in the Excel documents/formats; edited workbooks and the formats shall be uploaded without renaming them.</p> <p>(c) Mode of filling: The Bidder is required to fill the MS Excel work Book and the filled formats and the scanned copy of EMD.</p> <p>(d) Financial Bid:</p> <ol style="list-style-type: none"> Contractor must ensure to quote rate of each item. Bidder shall bid for work in Indian Rupees only. Bidder should ensure that the rates of all items shall be filled properly in relevant cells opposite to the Quantity of each item before uploading/ submission. 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”. <p>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)</p> <p>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.</p> <p>(v). After submission of bid, contractor can resubmit revised bid any number of times but before last time and date of submission of bid as notified.</p> <p>(vi). While submitting revised bid, contractor can revise the rate of one or more item(s) any number of times but before last time and date of submission of bid as notified.</p> <p>(vii). Contractor shall not disclose rates quoted in price Bid nor shall enclose /submit any hard copy along the documents mentioned in Para 3.5.</p> <p>(e) Scanned copies of documents mentioned under Para 3.5 are also to be uploaded</p> <p>(f) Links are created for uploading mandatory documents. Before submission of bids, bidders have to upload documents against each such mandatory links against subject tender. If no mandatory link is available for any of these documents, same shall be uploaded as other document.</p> <p>(g) Contractor can upload additional supporting documents in the form of JPG format and PDF format. In case file size is more than 5 MB, the file should be split up into files each of size not more than 5 MB.</p> <p>(h) All information called for in the uploaded forms should be furnished against the relevant columns in the</p>

forms. If for any reason, information is furnished on a separate sheet, this fact should be mentioned against the relevant column. Even if no information is to be provided in a column, a "nil" or "no such case" entry should be made in that column. If any particulars/query is not applicable in case of the bidder, it should be stated as "not applicable". The bidders are cautioned that not giving complete information called for in the application forms or not giving it in clear terms or making any change in the prescribed forms or deliberately suppressing the information may result in the bid being summarily disqualified.

(i) In case of any problem with the submission of the online tender document, the applicant may have the assistance of help desk on mobile and e-mail mentioned at 3.1 or uses the help manual and other information given on the said website.

LIST OF DOCUMENTS TO BE SCANNED AND UPLOADED/ SUBMITTED IN HARD COPIES.

A. Documents to be scanned and uploaded within the period of Bid submission:

1. EMD.
2. Profit & Loss Statement certified by CA for last 5 consecutive years ending on 31/03/2025 (Form-A).
3. Certificate of Average Annual Financial Turnover for last 3 consecutive years ending on 31/03/2025 (Form-A).
4. Latest "Bank Solvency Certificate" (Form-B) or "Net Worth Certificate" (FormB-I).
5. Latest Income Tax Certificate or Income Tax Return or Audited Statement of Account of last 3 consecutive years ending 31/03/2025.
6. Particulars of Similar Works completed by the bidder should be furnished separately for each work completed (Form-C) along with all supporting documents such as Certificates/ copy of reference work / Purchase Order for satisfactorily completed similar works during the last 7 consecutive years indicating following information:
 - i) Agency for whom executed
 - ii) Value of work
 - iii) Brief description of works
 - iv) Stipulated and actual time of completion
 - v) Works Completion Certificate for whom executed.
- 3.5 7. List of similar works in hand (Form-D) along with all supporting documents indicating :
 - i) Agency
 - ii) Value of work
 - iii) Stipulated time of completion / Present status
 - iv) Brief description of works
8. Performance Report of Work referred in Form-C (As per Form -E)
9. Bidder(s) are required to submit the information in respect of their organization in Form-F & G.
10. Details of Similar / Other works carried out for Heavy Water Board / Department of Atomic Energy (if any).
11. Scanned copy of duly signed & stamped of each page of Tender Document.
12. Duly signed and stamped copy of Pre bid Clarification.
13. Registration Certificate (Labour Licenses, ESIC, EPF etc.).
14. Certificate of Registration for GST, Work Contract Tax and acknowledgement of up to date filed return.
15. TIN Registration Certificate.
16. PAN (Permanent Account Number) Registration.
17. Bidder(s) has to be furnished an affidavit as under:

"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 come to the notice of the Department, then I/We shall be debarred for bidding in HWB/DAE in future forever. Also, if such avolation comes to the notice of the Department before Date of start of work, the Enfgineer-In-charge shall be free to forfeit the entire amount of Earnest Money Deposit / Performance Guarantee.
18. Undertaking:

I/We have downloaded and gone through Pre-bid clarifications issued by the Department after close of sale of Tender and submitting Tender accordingly.

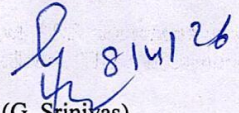
	<p>19. Undertaking that the company is not under liquidation, quote receivership or similar proceedings. 20. Letter of Transmittal along with duly filled signed and stamped Tender Formats. 21. Bidder's acceptance to the validity of tender / offer (180 days from the last date of submission).</p> <p>B. Documents to be uploaded in excel format within the period of Bid submission:</p> <ol style="list-style-type: none"> Part – A (Techno-commercial Bid) Part –B (Financial Bid) <p>C. Documents to be submitted in hard copy within the period of Bid submission:</p> <ol style="list-style-type: none"> Original Banker Cheques /FDR/DCR/ BG towards EMD in Envelope-1.(It is re-iterated that hard copy of financial bid should not be submitted. Envelope -1 shall be placed inside another main envelope with due mentioned of “name of the work, date and time of opening of tender, tender number, bidder’s company name etc. and addressed to General Manager, HWP (Manuguru) shall be dropped in tender box placed at DGM(P) Office on or before due date and time.
3.6	Applicants are advised to keep visiting the above mentioned web-sites from time to time (till the deadline for submission) for any updates or corrigendum in respect of the tender documents, if any. Failure to do so shall not absolve the applicant of his liabilities to submit the bids complete in all respect including updates/corrigendum thereof, if any. An incomplete bid submission may be liable for rejection.
3.7	The tenderers are advised to submit their offer/ upload their documents well before the due date and time, to avoid minute rush on the server or complications in uploading. HWB/HWPM shall not be responsible for any delay in submission of documents or for any type of problem in uploading the documents for reason including server and technical problems.
3.8	<p>Incomplete and late Tenders:</p> <p>(a) The offer of tenderer who fails to submit originals of fee and copies of certificates as per the eligibility criterion and other requirements mentioned at Para No 2 and 3 on or before the time and date mentioned in the tender notice will be summarily rejected and will not be processed further.</p> <p>(b) Delayed /late submission of credentials and fee (Tender Processing Fee/ EMD) in originals will not be entertained.</p> <p>(c) The Delayed or late offers will be summarily rejected. Department will not be responsible for Postal delays.</p>
3.9	<p>Invalid Tenders:</p> <p>The bid submitted shall become invalid and cost of bid & e-Tendering processing fee if any shall not be refunded if:</p> <p>(i) The bidder is found ineligible.</p> <p>(ii) The bidder does not upload all the documents (Mandatory scanned documents, Techno-Commercial bid (Part ‘A’) and Financial bid (Part ‘B’), certificate of registration for Sales GST registration and other documents as stipulated in the bid document within the prescribed period.</p> <p>(iii) Any discrepancy is noticed between the documents as uploaded at the time of submission of bid online and hard copies as submitted in the envelopes (Fee & other documents) physically in the office of tender opening authority.</p> <p>And the Government shall, without prejudice to any other right or remedy, be at liberty to suspend from participation for a minimum period of one year.</p>
3.10	<p>Opening of Tenders:</p> <p>(a) On line Tender Document submitted by intending bidder(s) shall be opened on the specified date and time only of those bidder(s) whose EMD is found in order and who have uploaded all required documents. Bidder(s), whose EMD is not found as per NIT requirement, shall be rejected and further evaluation of offer of such bidder(s) shall not be carried out.</p> <p>(b) After opening of Part ‘A’ tenderer’s financial and technical capability, bidding capacity, category of</p>

	<p>bidder (Class-I/Class-II) for Make In India time and quality consciousness, contractors on going/completed work, work sites and offices, nature of works executed, organizational structure of tenderer, resources required for execution of the job, tendency of the company with regard to making extraneous claims and disputes, site planning ability, tendency of the company to award the work on back to back/ subletting etc. and their techno-commercial bid related documents will be evaluated. Accordingly, tenderers will be qualified / disqualified by the competent authority.</p> <p>(c) All the eligible similar works executed and submitted by the bidder(s) may be got inspected by the committee which may consist of one or any other authority as decided by NIT approving authority.</p> <p>(d) No modification in the tender shall be allowed after opening of Part-'A'</p> <p>(e) Part-B (Financial Bid) will be opened (Date to be notified separately) only of those bidders who qualify eligibility criterion mentioned in NIT and evaluation of Part-A (Technical Bid). Therefore bidders are required to submit the requisite data with documents in Part-A (Technical Bid) itself.</p> <p>(f) Bidder(s) can login and see the status of Bids after opening.</p>
4.0	Prospective agencies shall satisfy themselves of fulfilling all the NIT criteria before submission of tender. Department reserves the right of non consideration of tender of the agencies not fulfilling the NIT stipulations and / or having adverse report. If it is found that the tender is not submitted in the proper manner, or contains absurd rates it will be open for the Government to ignore the tender.
5.0	Any effort on the part of the bidder or his agent to exercise influence or to pressurize the employer would result in rejection of his bid. Canvassing of any kind whether directly or indirectly, in connection with tenders is strictly prohibited and the tenders submitted by the contractors who resort to canvassing will be liable to rejection.
6.0	The contractor shall not be permitted to tender for works in HWPM in which his near relative (responsible for award and execution of contracts) is posted as Assistant Accounts Officer or as an officer in any capacity between the grades of Engineer/ Scientific Officer and Scientific Assistant (both inclusive). He shall also intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relatives to any Gazetted officer in HWPM/HWB or in DAE. Any breach of this condition by the contractor would render him liable to be removed from the approved list of contractors of this Department.
7.0	No Engineer of Gazetted rank or other Gazetted officer employed in Engineering or Administrative duties in an Engineering Department of the Government of India is allowed to work as a contractor for a period of one year after his retirement from Government service, without the previous permission of the Government of India in writing. This contract is liable to be cancelled if either the contractor or any of his employees is found any time to be such a person who had not obtained the permission of the Government of India as aforesaid before submission of the tender or engagement in the contractor's service.
8.0	The tender for the works shall remain open/kept valid for acceptance for a period of 180 days (One Hundred and Eighty days) from the last date of closing of online submission of tenders. If any tenderer withdraws his tender before the said period or issue of letter of acceptance, whichever is earlier, or makes any modifications in the terms and conditions of the tender which are not acceptable to the department, or refuse to pay any pre-requisite fee, or do not pay any prerequisite fee with reminders, or do not submit any requisite document with reminders then the Government shall, without prejudice to any other right or remedy, be at liberty to forfeit 100% of the said earnest money as aforesaid. Further, the tenderer shall not be allowed to participate in the re-tendering process of the work.
9.0	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 in future forever. Also if such a violation comes to the notice of Department before start of work, the Engineer-in-charge shall be free to forfeit the entire amount of EMD / Performance Guarantee.
10.0	The Department reserves the right, without being liable for any damages or obligation to inform the bidder to a) Amend the scope and value of contract. b) Accept/ Reject any or all the applications without assigning any reason thereof.
11.0	RIGHT TO OMIT OR ADD ONE OR MORE ITEMS. The HWB/HWPM shall have the right to omit or add one or more items put in the tender either before or after an agreement for the work is entered into. In order to comply with the latest requirements of the Organization, local development, control bodies, site conditions, certain variations in the execution of items may be warranted.
12.0	The competent authority on behalf of President of India does not bind himself to accept the lowest or any other tender, and reserves to himself the authority to reject any or all of the tenders received without the assignment of

	a reason. All tenders in which any of the prescribed conditions are not fulfilled or incomplete or any condition including that of conditional rebate is put forth by the tenderer shall be summarily rejected.
13.0	Competent authority on behalf of President of India reserves to himself the right of accepting the whole or only part of the tender and the tenderer shall be bound to perform the same at the rates quoted.
14.0	<p>Site Visit:</p> <p>(i) The tenderer shall acquaint themselves with the work and working conditions of the site and locality and no claim will be entertained for these issues.</p> <p>(ii) Intending Tenders are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their tenders as to the nature of the ground and sub-soil (so far as is practicable and applicable), the form and nature of the site, the means of access to the site. The accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their tender.</p> <p>(iii) A tenderer shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charges consequent on any misunderstanding or otherwise shall be allowed.</p> <p>(iv) The tenderer shall be responsible for arranging and maintaining at his own cost all materials, tools & plants, water access, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents.</p> <p>(v) The tenderers shall read the specifications and study the drawings carefully before submitting the tender. The contractors should procure required materials as per the specifications mentioned in the tender. In case of ambiguity in regard to conditions and other related matters, if any, with the tenders, the decision taken by the tender inviting authority of HWB shall be final and binding.</p>
15.0	<p>Plant Visit:</p> <p>Due to the security reasons the bidder (or) their authorized representatives cannot be permitted inside the plant without prior permission. Those bidder(s) who want to enter inside the plant premises (For the purpose of site visit/to drop the Technical Bid and other documents) must intimate Dy. General Manager (P) at least 2 working days in advance (to the date of visit) and obtain entry permission and they should complete the security checkup before entry as a statutory requirement. For further information please contact DyMM-IP 08746-234411 and emailed: dymm_ip@man.hwb.gov.in during office hours.</p>
16.0	It is mandatory to obtain Police verification certificates in respect of labour engaged for execution of works in HWPM by paying requisite fee. The successful Bidder whose tender is accepted will be required to obtain and shall submit Police verification Certificate (PVC) of all the staff (exempted for the Govt./ Govt. PSU employees) including Engineers, supervisors and labours to be engaged for the work at his own cost, through the office of SP, Bhadradi-Kothagudem by paying requisite fee at the rates in force from time to time as per the guidelines issued by the state Government of Telangana. Keeping in view the national importance of this plant, the successful bidder shall ensure security measure besides whatever is mentioned in the General Conditions of contract. All stipulations and instructions given by Plant/Colony Security personnel and CISF from time to time shall be scrupulously be followed for entry, exit of persons and materials and as also during execution of work for security purpose. The necessary sums required to meet this aspect shall be considered by the contractor and should quote accordingly.
17.0	<p>GST in respect of this contract shall be payable by the contractor and Government will not entertain any claim whatsoever in this respect. Also, TDS on taxable Goods or Services or both, taxes and levies as applicable from time to time will be deducted from the bills as per the applicable laws.</p> <p>(i) Before submitting the tender, the tenderer will be deemed to have satisfied himself by actual inspection of the site and locality of the works, that all conditions liable to be encountered during the execution of the works are taken into account and that the rates quoted in the tender forms are adequate and all-inclusive to accord with the provisions of General Conditions of Contract for the completion of the works to the entire satisfaction of the Engineer.</p> <p>(ii) 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. Tenders will ensure that full benefit of Input Tax Credit (ITC) likely to be availed by them is duly considered while quoting rates.</p> <p>(iii) 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.</p>

18.0	The Rates quoted shall be inclusive of all material, men, equipment/ plant/machinery required for satisfactory completion of item in all respects and should be inclusive of all taxes, GST, duties and levies like labourcess, seigniorage, etc as applicable as on last date of submission of offer. Employers' contribution of EPF and ESI should be paid by the contractor to the respective authorities and an evidence of having deposited the same shall be submitted by the contractor to Engineer-In-Charge every month.
19.0	<p>Ambiguities in rates quoted.</p> <p>a) If there are differences between the rates given by the contractor in words and in figures or in amount worked out by him, the following procedure shall be followed.</p> <p>b) The bidder shall quote rates in figures only. The rates in words, amount of each item and total is generated automatically. Therefore, the rate quoted by the bidder in figures shall be taken as correct.</p> <p>c) In the case of percentage rate bid, the percentage quoted in figures shall be taken as correct.</p> <p>d) In Lump Sum Contracts, the amount quoted in figures shall be taken as correct.</p>
20.0	On receipt of "Letter of Acceptance", the successful bidder shall submit the Performance Guarantee @5% of the tendered value within 07days, in the form as prescribed in the Letter of Acceptance, in favour of "Pay & Accounts officer, HWPM". This submission period can be further extended 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. On submission of PBG the EMD credential will be returned to the contractor. If contractor fails to furnish the performance guarantee within the prescribed period, the EMD submitted the bidder shall be automatically forfeited and the bidder shall not be allowed to participate in the retendering process of the work.
21.0	During execution of work, Security Deposit (SD) will be collected by deductions from Running Bills as well as final Bill. Security Deposit shall be @ 2.5% of tendered value . Security deposit will be collected by deductions from the running bills as well as final bill of the contractor at the rate of 2.5% of bill value till the total SD amount is recovered. If so desire by the contractor, the total SD amount can be deposited in the form of FDR or Demand Draft or Pay Order or Banker's Cheque in favour of Pay & Accounts Officer, HWPM drawn on SBI, HWP (M) Branch. (Code: 20960). The security deposit will be refunded only after the satisfactory completion of defect liability period of 3(Three) months after the actual date of completion of work as a whole wherein all the defects shall be rectified by the contractor at his own cost, or after passing of final bill whichever is later.
22.0	<p>Agreement:</p> <ul style="list-style-type: none"> The written agreement to be entered into between the contractor and the HWPM shall be the foundation of the rights of both the parties and contract shall not be deemed to be complete until the agreement has first been signed by the Contractor and then by the proper officer authorized by HWPM to enter into the contract on behalf of the HWPM. The successful tenderer/contractor, on acceptance of his tender by the Accepting Authority, shall, within 15 days from the stipulated date of start of the work, sign the contract consisting of Notice inviting tender, Conditions of contract including General rules and directions, Standard form of General conditions of contract, clauses of contract, special clauses, additional conditions, specifications and drawings (if any), proforma of schedules, safety code, Model rules, contractors labour regulations, proforma of registers, special instructions to tenderers, forms, information and instructions for bidders, clarifications, corrigendum and all the documents posted on the website https://eprocure.gov.in/eprocure/app and other documents as mentioned in the NIT as uploaded at the time of invitation of tender, and the rate quoted online at the time of submission of bid and acceptance thereof and other documents uploaded / submitted and acceptance thereof together with any correspondence leading there to and all relevant documents related to this tender as applicable. Agreement shall be drawn with the successful bidders in prescribed Form (Tender document along with other document) uploaded on the web site https://eprocure.gov.in/eprocure/app. It will be obligatory on the part of the tenderer to sign the tender document for all the component parts. After award of work to the successful bidder, the contractor shall submit time schedule & cash flow statement for approval of competent authority which will form a part of agreement. Bidders shall quote their rates as per various terms and conditions of the said tender which will form part of the agreement.
23.0	<p>Authorized Technical Representative:</p> <p>On acceptance of the tender, the name of the accredited technical representative(s) of the contractor who would be responsible for taking instructions from the Engineer-In-charge shall be communicated to the Engineer-In-charge. The successful tenderer will have to furnish the name and qualification of the accredited technical representative(s) employed by the contractor together with the willingness letter of the accredited technical representative(s) and appointment orders of the contractor at the time of the concluding agreement. Minimum</p>

	number of accredited technical representative(s) to be delegated for this work shall be as per schedule F.
24.0	The site for the work is available
25.0	Interest: The contractor will not be entitled to claim any interest on arrears which he may be getting on the final settlement of accounts.
26.0	Clarifications and corrigendums: The clarifications, corrigendums uploaded by the department in MS Word, MS excel, PDF, documents in website https://eprocure.gov.in/eprocure/app which should not be edited or corrected by bidders. These documents shall also be part of tender document.
27.0	Submission of a tender by a tenderer implies that he has read this notice and all other tender documents and has made himself aware of the scope and specifications of the work to be done and of conditions and rates at which stores, tools and plant, etc., will be issued to him by the government and local conditions and other factors having a bearing on the execution of the work.
28.0	In case of any discrepancies in Hindi and, English Versions wherever present, English Version will be the final One.


(G. Srinivas)

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

Note: Hindi version follows

Distribution

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

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

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

Ref. No.भापासं(म)HWP(M)/IR/21/2025/2-1

दिनांक Dt: 09.04.2026

परिपत्र CIRCULAR

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

भारी पानी संयंत्र, मणुगूरु स्थल और कॉलोनी के सभी ठेकेदारों को सूचित किया जाता है कि 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 01.04.2026 से लागू कर रहे हैं। तदनुसार, मजदूरी की न्यूनतम दरें 01.04.2026 से 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. 01.04.2026 in various scheduled employments notified under the Minimum Wages Act, 1948. Accordingly, the minimum rates of wages payable w.e.f. 01.04.2026 are as under:

Sl. No.	Category of work – “C” Area	Minimum wages as from 01.04.2026 (Incl. V.D.A) Rs.ps
1.	Pump / Engine Cleaner, Hammer Man, Fireman/Un-skilled	556.00
2.	Tractor Driver/Pump Engineer / Motor Mill Driver/Semi-skilled	650.00
3.	Clerical/Security Guard(without arms)/Skilled	781.00
4.	Supervisor (Security)/Bull Dozer Driver / Earth moving machine driver / Road roller driver/Highly Skilled	918.00
Category of work – “A” Area		
1.	Pump / Engine Cleaner, Hammer Man, Fireman/Un-skilled	827.00
2.	Tractor Driver/Pump Engineer / Motor Mill Driver/Semi-skilled	918.00
3.	Clerical/Security Guard(Without arms)/Skilled	1008.00
4.	Supervisor (Security)/Bull Dozer Driver / Earth moving machine driver / Road roller driver/Highly Skilled	1094.00

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.

P. Kanth

09.04.26

(पी. कृष्ण कांत P. Krishna Kanth)

प्रशासनिक अधिकारी Administrative Officer-III (IR)

सभी ठेकेदार All Contractors /सभी सूचनापट्ट All Notice Boards.

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

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

HWPM/IP/CAP/2025/1

Scope of Work

Name of the work:

Engineering, Design, Development of Logic, SCADA, Installation, and Commissioning of PLC Panels for Controlling 6 Nos of Air Compressors

1. Introduction

This scope of work outlines the tasks and responsibilities for the engineering, design, development, installation, and commissioning of PLC-based control panels for six (6) air compressors. The work will include control logic development, SCADA system integration, installation of control panels, and commissioning of the entire system to ensure optimized and automated operation. All the required hardware to complete the job shall be supplied.

2. Project Scope

The scope of work includes the following activities:

2.1 Design and Engineering

- **System Architecture Design:**

- Develop a system architecture that integrates six air compressors with dedicated PLC-based control panels for each of the six air compressors and a central SCADA system for monitoring and control.
- Detailed I/O list has been attached
- Design the control panel layout, including power distribution, PLC, HMI, relays, and communication modules.

- **Control Logic Development:**

- Develop control logic for each air compressor, including startup, shutdown, load/unload modes, and sequencing.
- Incorporate fault detection mechanisms (e.g., high pressure, low pressure, temperature, overload) and provide automatic protection.
- Existing logics will be provided to successful bidder.

- **I/O Mapping and Communication Protocols:**

- Define and map all necessary inputs (sensors, switches) and outputs (actuators, motor control).
- Select appropriate communication protocols for connecting PLCs and SCADA, such as Modbus or OPC.
- All the PLCs shall have Profinet port as a standard.

2.2 SCADA System Development

- **SCADA System Design:**

- Develop the SCADA system to display real-time operational data, including pressure, temperature, and status of each air compressor.

- Implement alarm management to display critical system alarms (e.g., faults, high/low pressures, temperature warnings).
- Design data logging functionality for historical data storage, trend analysis, and reporting.
- Provide user-friendly graphical interfaces with interactive control for operators to start/stop compressors, acknowledge alarms, and monitor system performance.
- Engineering login in SCADA shall be provided to monitor diagnostic information and force Input parameters from SCADA.
- **System Integration:**
 - Integrate the PLCs with the SCADA system to allow real-time data exchange, including operational data and alarm status.

2.3 Control Panel Fabrication

- **Panel Design and Layout:**
 - Design and fabricate control panels for each compressor, including housing for PLC, power supply units, relays, HMI (if required), and necessary interlocks.
 - Ensure panels are built to industrial standards with clear labelling, appropriate wiring, and secure housing.
- **Panel Assembly and Wiring:**
 - Assemble PLC control panels, including the wiring of all sensors, actuators, and interlocks to the control system.
 - Field wiring is not in the scope of bidder.
 - Verify all components are properly wired and labelled to facilitate troubleshooting and future maintenance.
- **Panel Protection:**
 - Provide appropriate circuit protection (fuses, circuit breakers) and safety features, including grounding and over current protection.
 - All the I/O shall be protected using relays (In case of Digital I/O) and active barriers in case of Analog I/O.

2.4 Installation

- **Control Panel Installation:**
 - Install the PLC control panels at the designated locations, ensuring proper mounting, ventilation, and accessibility for maintenance.
 - Connect all field devices (sensors, actuators, motor starters) to the control panels.
- Required support preparation which may include civil work/mechanical work shall be in the scope of bidder.

2.5 Testing and Commissioning

- **Factory Acceptance Test (FAT):**
 - Conduct FAT at the manufacturer's facility to ensure the PLC panels, control logic, and SCADA system are functioning according to design specifications.

- Simulate real-world conditions to verify the operational performance of the compressors and control system.
- Document the results and provide a report outlining any issues found during FAT.
- **Site Acceptance Test (SAT):**
 - Upon delivery and installation at the site, perform SAT to verify system functionality under real operating conditions.
 - Perform system checks on individual compressors and control logic, including startup, shutdown, load/unload operation, fault detection, and alarms.
 - Verify SCADA system integration and remote monitoring capabilities.
 - Tentative QAP for SAT and FAT is attached herewith
- **Commissioning:**
 - Execute full commissioning of the system, ensuring all components are integrated and functional.
 - Test each compressor's operational parameters, including pressure, temperature, and load balancing functions.
 - Perform a full functional check of the SCADA system to ensure correct data reporting and visualization.

2.6 Training and Handover

- **Operator Training:**
 - Provide training sessions for operators to ensure they are familiar with the SCADA system, PLC interface, and compressor operation.
 - Train personnel on how to interpret alarm signals, manage system faults, and perform basic troubleshooting.
 - **Spares:**
 - 20% spares shall be supplied for all general consumables like, Isolators, Relays, Push buttons, Terminal Blocks and I/O Modules
 - 2 Nos of CPUs Shall be supplied as spares
 - **Documentation:**
 - Provide all necessary documentation, including:
 - System architecture and wiring diagrams
 - PLC and SCADA programming logic
 - User manuals for the control panels and SCADA interface
 - Maintenance guidelines and troubleshooting instructions
 - **Handover:**
 - Handover the fully operational system, including all documentation, software, and relevant files.
 - Provide a warranty for the system's functionality and performance for a period of 12 months from the commissioning date.
-

3. Responsibilities

3.1 Contractor Responsibilities

- **Design and Development:** Design the control system, develop the PLC logic, configure the SCADA system, and create user interfaces.
- **Panel Fabrication:** Assemble and wire the control panels as per the specifications.
- **Installation:** Install the panels, perform all necessary wiring, and connect field devices.
- **Testing and Commissioning:** Perform FAT, SAT, and full commissioning of the system, ensuring all components operate correctly.
- **Training and Documentation:** Provide operator training and supply comprehensive documentation.

3.2 Client Responsibilities

- **Site Preparation:** Provide a suitable installation site with access to power and communication infrastructure.
 - **Provision of Field Devices:** Supply the necessary field devices (e.g., compressors, sensors) for integration into the system.
 - **Approval:** Review and approve design documentation, control logic, and SCADA configurations before installation.
-

4. Timeline

- **Design & Engineering Phase:** 4 weeks
 - **PLC and SCADA Development:** 6 weeks
 - **Control Panel Fabrication:** 6 weeks
 - **Installation and Wiring:** 4 weeks
 - **Testing and Commissioning:** 2 weeks
 - **Training and Handover:** 1 week
-

5. Performance and Warranty

- **Performance:** The system should meet the required operational and performance standards, with minimal downtime and efficient control of the compressors.
 - **Warranty:** Provide a warranty of 12 months from commissioning for materials, workmanship, and performance.
-

6.1 Other General and Technical Specifications:

- PLC supplier shall be OEM or Authorized vendor of OEM. In case of authorized vendor, letter of Authorization from OEM shall be submitted.
- PLC supplier should be able to give the technical support and spares for minimum 10 years from the date of commissioning of this system. The bidder should get a letter in this regard from the OEM linking to the present case of purchase.

- Offered PLC model shall be latest in the product range of OEM. The system series offered or its previous series shall be field proven system (successful installation for 5 or more years) & shall have installation in a Chemical/Petrochemical/Steel/Cement/Oil & gas/Fertilizer or equivalent process industry. Documentary proof in this regards shall be submitted.
- PLC & IO modules for all compressors & dryers to be supplied of same make & model no to ensure interchangeability.

6.2 Standards & Codes : List of Standards & Codes to be followed is as below:

- IEC 61131: Programmable Controllers
- IEC 60529: Degrees of protection provided by enclosures (IP Code)
- IEC 62138-I&C compliance to safety and software aspect for computer based system.
- IEC 61000-4-11 for power supply module against voltage interruptions
- IEC 60079: Hazardous Area
- IS 4237 for Insulation test
- IEC 61000-4 Electromagnetic Compatibility - Testing & Measurement techniques

6.3 Functional Requirement:

- The PLC shall be capable of reading of Inputs, execution of the control logic, transmit to output devices, communication with I/O cards & other required interface devices namely Operator Station. PLC shall also perform the functions like arithmetical, logical Boolean and control functions required to implement the logic scheme described. All the above control functions shall be configurable by the user.
- The PLC shall have sufficient memory capacity for storing the programs for logic execution. Generally, memory shall be non-volatile.
- The offered PLC type shall have a minimum reference capacity to handle 300 real time inputs/outputs (including AI/AO and DI/DO). The PLC shall be expandable by extending additional modules. The processor shall have capability to implement all the control functions required to execute the logic schemes.
- System shall comply with international standards for quality assurance of software and hardware of system.

6.4 System loading (with final number of IOs):

- The loading of the processor shall be up to 50% to achieve optimum performance. The size of the primary memory shall be sufficient for the storage of the program instructions required by the logic schemes.
- Loading of memory shall be 50% and shall have 50% free space for future use. The scan time of PLC shall be in the order of 400ms.

6.5 Licenses for Software: Perpetual Software Licenses for logic development and HMI (Operator Station Operator cum-Engineering Station) shall be supplied by the contractor. License shall be in the name of HWP(M).

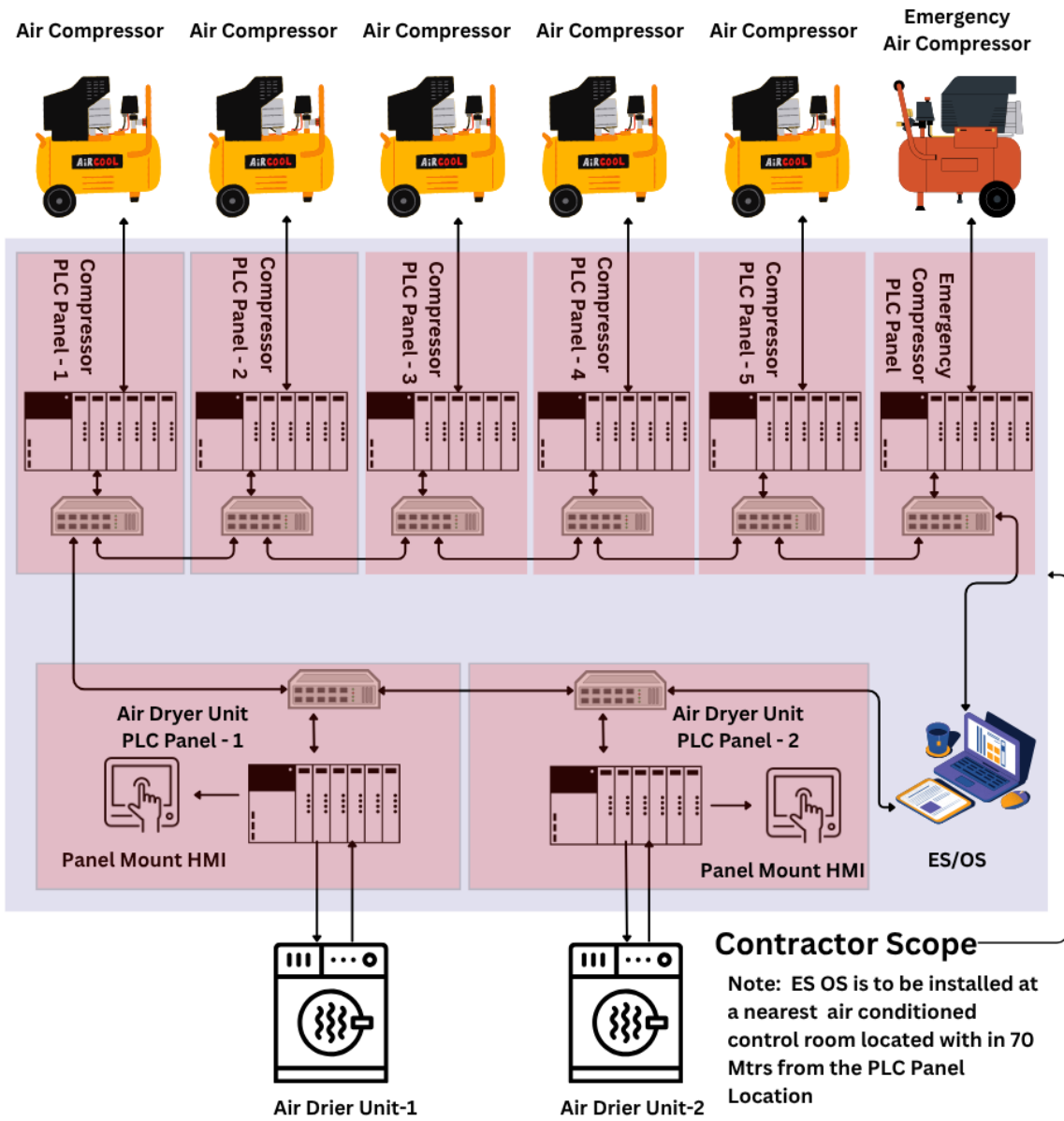
6.6 Input-Output system:

- The Processor shall be modular in construction & may have on-board digital input & output and analog input & output channels. Additional IO cards can be added in rack as per requirement.

- All the cards shall be modular & plug-in type. On-line replacement of additional modules shall be possible and shall not affect the processing / other cards in the rack.
- AI and AO cards preferably be 4/8 channel. DI & DO cards preferably be 8/16 channel.
- The field cables shall be terminated in the terminal block located in PLC panel.
- All Analog Input / Analog output signals from field/PLC shall be through galvanic isolators. Isolators shall loop power the field transmitters with 24VDC. AI, AO signals shall be 4-20 mA DC. Load driving capability of 600 ohms at 24 VDC. Healthy status indication on the I/O modules shall be provided.
- All Digital Inputs from field/MCC shall be through Relays/Relay Boards. The channel status of Digital input module shall be visible from the indicators on the front panel of the card. Digital output shall be taken through interposing Relays/Relay Boards.
- All modules within the system shall be mechanically interlocked to prevent easy insertion or removal of modules under power which in turn helps to prevent damage to the modules and/or system.
- Excitation voltage for DI & AI (24 VDC) going to Field/MCC shall be through fuse TB with suitable fuse rating.
- Diode TB shall be provided for AIs return signal path to facilitate measurement of signal current without removing the terminals.

Encl: 1. System Architecture
 2. IO List
 3. SCADA/Common System Specifications
 4. QAP for FAT and SAT

System Architecture



IO List for Compressors (5 Nos of panels)

S.No	Type	Description
1	DI	Lube oil pr. Low
2	DI	Lube oil pr. Very low
3	DI	Wet air receiver pr.
4	DI	Wet air receiver pr.
5	DI	1st stage disch. Air temp. high
6	DI	1st stage disch. Air temp. very high
7	DI	2nd stage disch. Air temp. high
8	DI	2nd stage disch. Air temp. very high
9	DI	CW outlet header flow low
10	DI	Intercooler CW outlet flow low
11	DI	Unloading Auto Manual Switch
12	DI	50% Unloading Switch
13	DI	100% Unloading Switch
14	DI	Start Push Button
15	DI	Stop Push Button
16	DI	Lube Oil Reset Button
17	DI	Motor ON Feed Back from Elec
18	DI	Motor OFF Feed Back from Elec
19	DO	ON Indication
20	DO	OFF Indication
21	DO	50% Unloading Indication
22	DO	100% Unloading Indication
23	DO	0% Unloading Indication
24	DO	50% Unloading SOV
25	DO	100% Unloading SOV
26	DO	Motor ON Command
27	DO	Motor OFF Command
29	DI	Lamp Test

Note: Control Supply for the compressor panels is 110V DC

IO list for Compressor Inputs and Outputs for Emegecy Compressor (1 No)

S.No	Type	Description
1	DI	Lube oil pr. Low
2	DI	Lube oil pr. Very low
3	DI	Wet air receiver pr.
4	DI	Wet air receiver pr.
5	DI	1st stage disch. Air temp. high
6	DI	1st stage disch. Air temp. very high
7	DI	2nd stage disch. Air temp. high
8	DI	2nd stage disch. Air temp. very high
9	DI	CW outlet header flow low
10	DI	Intercooler CW outlet flow low
11	DI	Unloading Auto Manual Switch
12	DI	50% Unloading Switch
13	DI	100% Unloading Switch
14	DI	Start Push Button
15	DI	Stop Push Button
16	DI	Lube Oil Reset Button
17	DI	Motor ON Feed Back from Elec
18	DI	Motor OFF Feed Back from Elec
19	DO	ON Indication
20	DO	OFF Indication
21	DO	50% Unloading Indicatio
22	DO	100% Unloading Indication
23	DO	0% Unloading Indication
24	DO	50% Unloading SOV
25	DO	100% Unloading SOV
26	DO	Motor ON Command
27	DO	Motor OFF Command
28	-NA-(Just LED)	Control Supply ON LED
29	DI	Lamp Test
30	DI	43-V-503 A/B emergency scram air pressure low.
31	DI	43-V-502 A/B normal scram air pressure low.
32	DI	Emergency instrument air header pressure low.
33	DI	Normal instrument air header pressure low.
34	DI	Instrument air header valve open.
35	DI	Instrument air header valve close.
36	DI	Emergency scram air header valve open.
37	DI	Emergency scram air header valve close.
38	AI	Emergency scram air pressure
39	AI	Normal scram air pressure
40	AI	Normal inst. air pressure
41	DI	Lamp Test

Note: Control Supply for the compressor panels is 110V DC

Dryer Unit IO Listing (2 Nos)

S.NO	I/O Type	Description
1	DI	Adsorber-1 top temp high (TS-14)
2	DI	Adsorber-2 top temp high (TS-15)
3	DI	Air outlet from heater (TS-12)
4	DI	Air outlet from heater (TS-13)
5	DI	Air outlet from heater (TS-11)
6	DI	Regeneration air flow low (FS-3)
7	DI	Cooler O/L Temp high (TS-16)
8	DO	Change Over Failure-1
9	DO	Change Over Failure-2
10	DI	Rotary Switch-1 (3 Position)
11	DI	Rotary Switch-1 (3 Position)
12	DI	Rotary Switch-1 (3 Position)
13	DI	Heater On-OFF, Manual
14	DO	Heater Bank-1 Contactor
15	DO	Heater Bank-2 Contactor
16	DO	Auto Control ON LED
17	DO	Manual Control ON LED
18	DI	AD-1 Push Button
19	DI	AD-2 Push Button
20	DI	Top/Bottom 4 way valve Limit Switch-1
21	DI	Top/Bottom 4 way valve Limit Switch-2
22	DI	Middle 4 Way Valve Limit Switch-1
23	DI	Middle 4 Way Valve Limit Switch-2
24	DO	SOV-1 (Top/Bottom Valve)
25	DO	SOV-2 (Top/Bottom Valve)
26	DO	SOV-3 (Top/Bottom Valve)
27	DO	SOV-4 (Top/Bottom Valve)
28	-NA-	Control Supply ON
29	AI	Regeneration air flow
30	AI	Total Inst Air Flow
31	AI	Dew Point Meter
32	DI	Lamp Test

- Control Supply for Air Dryer Units is 110V AC

SCADA/Common System Specifications

- ES/OS with 16 GB RAM and Intel I7, 24" Display, USB Speakers for alarm sounding along with Table and Chair.
- The SCADA System shall Include data from all the PLC Panels. Alarm and Data Logging shall happen in ES/OS for all the units
- Graphical HMI Shall be developed to show the P&I Diagram of the process with live instrument reading.
- Alarm Logging shall be done on a separate page
- All the Panels Shall Include In- Built Cooler and are installed outdoor. Sufficient weather protection shall be ensured.
- Networking Cable 1 Kms (STP) expected for Ethernet Ring, upto ES/OS from all the stations, Required Industrial Ethernet Switches shall be supplied, Cable Supply, Laying and termination as per Industry standards is in the scope of Bidder.
- Separate Power Supplies for Powering Field Devices and PLC shall be Supplied
- All the Field Signals shall be connected to the system using fused Terminal Blocks
- All the Field Cable shall be dressed properly and terminated in new Marshalling TB with New Cable Tags (Ferrules).
- 20% spares shall be supplied for all general consumables like, Isolators, Relays, Push buttons, Terminal Blocks and I/O Modules
- 2 Nos of CPUs Shall be supplied as spares
- 3 Sets of total Documentation with all the information regarding materials used (BOM) and the data sheets of every component, Logic Diagram, General Arrangement and Terminal Details shall be supplied in bounded book format, Printed in Color.
- 2 Day training at the vendors workshop shall be conducted for 4 Nos Sectional representatives at the cost of Bidder.
- Control Supply for the compressor panels is 110V DC
- Control Supply for Air Dryer Units is 110V AC
- All Digital O/P shall be rated for 220V DC, 10A Current rating to operate the heavy loads
- All the analog parameters shall be isolated using 1-in 2-out isolators for repeating the signals to Central Control Room.
- All the Panel Mounted Switches, Push Buttons and LEDs shall be supplied along with the panels.
- 7" Panel Mount HMIs shall be Supplied along with Air Dryer Unit System PLCs

QAP for FAT and SAT of PLC Based Systems

Sl. No.	Description Equipment / Instrument	Tests Required	Quantum of Check by Manufacturer & Review by Client	Quantum of Check by Manufacturer & Witness by Client & Vendor	Reference Documents / Acceptance Norms	Test Certificates / Documents to be submitted
1.	PLC with Operator station	<ul style="list-style-type: none"> • Type test certificate for Vibration test, Immunity to climatic conditions i.e. Dry heat and cold tests, Cycle damp heat withstand test, etc., Immunity to H.F. interference such as Electrostatic discharge test, Radiated electromagnetic field test, Fast transient burst test, Surge test, etc., Electromagnetic emission such as conducted emission limits & Radiated emission limits, etc. • Checking of complete documentation • Dimensional & GA checks for PLC cubicles. • Visual inspection, megger & high voltage test for panel wiring System configuration checks • Verification of panel wiring w.r.t. approved wiring diagram. • Power up/power down test for system • Communication tests • Individual I/O simulation test • Detail software and logic simulation 	100%	100%	Approved datasheet / documents / catalogues, GA drawings/wiring diagram / HMI pages / Logics, Control philosophy, relevant standards and Approved Factory Acceptance Test (FAT) procedure	Standards and documents in FAT. Type test certificates & Reports for other tests carried out on the system.

		<ul style="list-style-type: none">• HMI configuration checks• System diagnostics test for I/O module, CPU, Power supply & OS.• System scan time & overall system response time checks 100% burn in test at ambient conditions with 50% I/O loaded• Verification of Controller Memory loading				
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Note: This is a tentative QAP. Final QAP shall depend on the system being offered.

Validate Print Help

Item Rate BoQ

Tender Inviting Authority: GENERAL MANAGER

Name of Work: Engineering, Fabrication, Supply, Installation and Commissioning of PLC based control system for compressed air plant.

Contract No: HWPM/I-P/CAP/2025/1

Name of the Bidder/ Bidding Firm / Company :						
PRICE SCHEDULE						
(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)						
NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	BASIC RATE WITH TAXES In Figures To be entered by the Bidder in Rs. P	TOTAL AMOUNT With Taxes in Rs. P	TOTAL AMOUNT In Words
1	2	4	5	13	53	55
1	Engineering Fabrication, Supply, Installation and Commissioning of PLC Based Control System for Compressed Air plant	1.000	Lumpsum		0.00	INR Zero Only
Total in Figures					0.00	INR Zero Only
Quoted Rate in Words				INR Zero Only		

INTEGRITY PACT

To,
The General Manager,
Heavy Water Plant (Manuguru),
Post: Gauthami Nagar,
Aswapuram – 507 116
Bhadradri-Kothagudem Dist.,
Telangana State

Sub: Submission of Tender for NIT No.:
for
.....

Dear Sir,

I/We acknowledge that HWP Manuguru/HWB is committed to follow the principles thereof as enumerated in the Integrity Agreement enclosed with the tender/bid document. I/We agree that the Notice Inviting Tender (NIT) is an invitation to offer made on the condition that I/We will sign the enclosed integrity Agreement, which is an integral part of tender documents, failing which I/We will stand disqualified from the tendering process. I/We acknowledge that **THE MAKING OF THE BID SHALL BE REGARDED AS AN UNCONDITIONAL AND ABSOLUTE ACCEPTANCE** of this condition of the NIT. I/We confirm acceptance and compliance with the Integrity Agreement in letter and spirit and further agree that execution of the said Integrity Agreement shall be separate and distinct from the main contract, which will come into existence when tender/bid is finally accepted by HWP Manuguru/HWB. I/We acknowledge and accept the duration of the Integrity Agreement, which shall be in the line with Article 1 of the enclosed Integrity Agreement. I/We acknowledge that in the event of my/our failure to sign and accept the Integrity. Agreement, while submitting the tender/bid, HWP Manuguru/HWB shall have unqualified, absolute and unfettered right to disqualify the tenderer/bidder and reject the tender/bid is accordance with terms and conditions of the tender/bid.

Yours faithfully

(Duly authorized signatory of the Bidder)

INTEGRITY AGREEMENT

This Integrity Agreement is made at _____ on this _____ day of _____ 20__ BETWEEN President of India represented through General Manager, HWP Manuguru / Chief Executive, HWB, (Hereinafter referred as the 'Principal/Owner', which expression shall unless repugnant to the meaning or context hereof include its successors and permitted assigns) AND (Name and Address of the Individual/ firm/ Company) through..... (Hereinafter referred to as the (Details of duly authorized signatory) "Bidder/Contractor" and which expression shall unless repugnant to the meaning or context hereof include its successors and permitted assigns) Preamble WHEREAS the Principal /Owner has floated the Tender (NIT No.:.....) (hereinafter referred to as "Tender/Bid") and intends to award, under laid down organizational procedure, contract for hereinafter referred to as the "Contract". AND WHEREAS the Principal/Owner values full compliance with all relevant laws of the land, rules, regulations, economic use of resources and of fairness/transparency in its relation with its Bidder(s) and Contractor(s). AND WHEREAS to meet the purpose aforesaid both the parties have agreed to enter into this Integrity Agreement (hereinafter referred to as "Integrity Pact" or "Pact"), the terms and conditions of which shall also be read as integral part and parcel of the Tender/Bid documents and Contract between the parties. NOW, THEREFORE, in consideration of mutual covenants contained in this Pact, the parties hereby agree as follows and this Pact witnesses as under:

Article 1: Commitment of the Principal/Owner

1. The Principal/Owner commits itself to take all measures necessary to prevent corruption and to observe the following principles:
 - a) No employee of the Principal/Owner, personally or through any of his/her family members, will in connection with the Tender, or the execution of the Contract, demand, take a promise for or accept, for self or third person, any material or immaterial benefit which the person is not legally entitled to.
 - b) The Principal/Owner will, during the Tender process, treat all Bidder(s) with equity and reason. The Principal/Owner will, in particular, before and during the Tender process, provide to all Bidder(s) the same information and will not provide to any Bidder(s) confidential / additional information through which the Bidder(s) could obtain an advantage in relation to the Tender process or the Contract execution.
 - c) The Principal/Owner shall endeavour to exclude from the Tender process any person, whose conduct in the past has been of biased nature.
2. If the Principal/Owner obtains information on the conduct of any of its employees which is a criminal offence under the Indian Penal code (IPC)/Prevention of Corruption Act, 1988 (PC Act) or is in violation of the principles herein mentioned or if there be a substantive suspicion in this regard, the Principal/Owner will inform the Chief Vigilance Officer and in addition can also initiate disciplinary actions as per its internal laid down policies and procedures.

Article 2: Commitment of the Bidder(s)/Contractor(s)

- 1) It is required that each Bidder/Contractor (including their respective officers, employees and agents) adhere to the highest ethical standards, and report to the Government / Department all suspected acts of fraud or corruption or Coercion or Collusion of which it has knowledge or becomes aware, during the tendering process and throughout the negotiation or award of a contract.

- 2) The Bidder(s)/Contractor(s) commit himself to take all measures necessary to prevent corruption. He commits himself to observe the following principles during his participation in the Tender process and during the Contract execution:
1. The Bidder(s)/Contractor(s) will not, directly or through any other person or firm, offer, promise or give to any of the Principal/Owner's employees involved in the Tender process or execution of the Contract or to any third person any material or other benefit which he/she is not legally entitled to, in order to obtain in exchange any advantage of any kind whatsoever during the tender process or during the execution of the Contract.
 2. The Bidder(s)/Contractor(s) will not enter with other Bidder(s) into any undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to cartelize in the bidding process.
 3. The Bidder(s)/Contractor(s) will not commit any offence under the relevant IPC/PC Act. Further the Bidder(s)/Contractor(s) will not use improperly, (for the purpose of competition or personal gain), or pass on to others, any information or documents provided by the Principal/Owner as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.
 4. The Bidder(s)/Contractor(s) of foreign origin shall disclose the names and addresses of agents/representatives in India, if any. Similarly Bidder(s)/Contractor(s) of Indian Nationality shall disclose names and addresses of foreign agents/representatives, if any. Either the Indian agent on behalf of the foreign principal or the foreign principal directly could bid in a tender but not both. Further, in cases where an agent participate in a tender on behalf of one manufacturer, he shall not be allowed to quote on behalf of another manufacturer along with the first manufacturer in a subsequent/parallel tender for the same item.
 5. The Bidder(s)/Contractor(s) will, when presenting his bid, disclose any and all payments he has made, is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the Contract.
- 3) The Bidder(s)/Contractor(s) will not instigate third persons to commit offences outlined above or be an accessory to such offences.
- 4) The Bidder(s)/Contractor(s) will not, directly or through any other person or firm indulge in fraudulent practice means a willful misrepresentation or omission of facts or submission of fake/forged documents in order to induce public official to act in reliance thereof, with the purpose of obtaining unjust advantage by or causing damage to justified interest of others and/or to influence the procurement process to the detriment of the Government interests.
- 5) The Bidder(s)/Contractor(s) will not, directly or through any other person or firm use Coercive Practices (means the act of obtaining something, compelling an action or influencing a decision through intimidation, threat or the use of force directly or indirectly, where potential or actual injury may befall upon a person, his/ her reputation or property to influence their participation in the tendering process).

Article 3: Consequences of Breach

Without prejudice to any rights that may be available to the Principal/Owner under law or the Contract or its established policies and laid down procedures, the Principal/Owner shall have the following rights in case of breach of this Integrity Pact by the Bidder(s)/Contractor(s) and the Bidder/ Contractor accepts and undertakes to respect and uphold the Principal/Owner's absolute right:

1. If the Bidder(s)/Contractor(s), either before award or during execution of Contract has committed a transgression through a violation of Article 2 above or in any other form, such as to put his reliability or credibility in question, the Principal/Owner after giving 14 days notice to the contractor shall have powers to disqualify the Bidder(s)/Contractor(s) from the Tender process or terminate/determine the Contract, if already executed or exclude the Bidder/Contractor from future contract award processes. The imposition and duration of the exclusion will be determined by the severity of transgression and determined by the Principal/Owner. Such exclusion may be forever or for a limited period as decided by the Principal/Owner.
2. Forfeiture of EMD/Performance Guarantee/Security Deposit: If the Principal/Owner has disqualified the Bidder(s) from the Tender process prior to the award of the Contract or terminated/determined the Contract or has accrued the right to terminate/determine the Contract according to Article 3(1), the Principal/Owner apart from exercising any legal rights that may have accrued to the Principal/Owner, may in its considered opinion forfeit the entire amount of Earnest Money Deposit, Performance Guarantee and Security Deposit of the Bidder/Contractor.
3. Criminal Liability: If the Principal/Owner obtains knowledge of conduct of a Bidder or Contractor, or of an employee or a representative or an associate of a Bidder or Contractor which constitutes corruption within the meaning of IPC Act, or if the Principal/Owner has substantive suspicion in this regard, the Principal/Owner will inform the same to law enforcing agencies for further investigation.

Article 4: Previous Transgression

1. The Bidder declares that no previous transgressions occurred in the last 5 years with any other Company in any country confirming to the anticorruption approach or with Central Government or State Government or any other Central/State Public Sector Enterprises in India that could justify his exclusion from the Tender process.
2. If the Bidder makes incorrect statement on this subject, he can be disqualified from the Tender process or action can be taken for banning of business dealings/ holiday listing of the Bidder/Contractor as deemed fit by the Principal/ Owner.
3. If the Bidder/Contractor can prove that he has resorted / recouped the damage caused by him and has installed a suitable corruption prevention system, the Principal/Owner may, at its own discretion, revoke the exclusion prematurely.

Article 5: Equal Treatment of all Bidders/Contractors/Subcontractors

1. The Bidder(s)/Contractor(s) undertake(s) to demand from all subcontractors a commitment in conformity with this Integrity Pact. The Bidder/Contractor shall be responsible for any violation(s) of the principles laid down in this agreement/Pact by any of its Subcontractors/sub-vendors.
2. The Principal/Owner will enter into Pacts on identical terms as this one with all Bidders and Contractors.
3. The Principal/Owner will disqualify Bidders, who do not submit, the duly signed Pact between the Principal/Owner and the bidder, along with the Tender or violate its provisions at any stage of the Tender process, from the Tender process.

Article 6- Duration of the Pact

This Pact begins when both the parties have legally signed it. It expires for the Contractor/Vendor 06 months after the completion of work under the contract or till the continuation of defect liability period, whichever is more and for all other bidders, till the

Contract has been awarded. If any claim is made/lodged during the time, the same shall be binding and continue to be valid despite the lapse of this Pacts as specified above, unless it is discharged/determined by the Competent Authority, CPWD.

Article 7- Other Provisions

1. This Pact is subject to Indian Law, place of performance and jurisdiction is the Headquarters of the Division of the Principal/Owner, who has floated the Tender.
2. Changes and supplements need to be made in writing. Side agreements have not been made.
3. If the Contractor is a partnership or a consortium, this Pact must be signed by all the partners or by one or more partner holding power of attorney signed by all partners and consortium members. In case of a Company, the Pact must be signed by a representative duly authorized by board resolution.
4. Should one or several provisions of this Pact turn out to be invalid; the remainder of this Pact remains valid. In this case, the parties will strive to come to an agreement to their original intensions.
5. It is agreed term and condition that any dispute or difference arising between the parties with regard to the terms of this Integrity Agreement / Pact, any action taken by the Owner/Principal in accordance with this Integrity Agreement/ Pact or interpretation thereof shall not be subject to arbitration.

Article 8- LEGAL AND PRIOR RIGHTS

All rights and remedies of the parties hereto shall be in addition to all the other legal rights and remedies belonging to such parties under the Contract and/or law and the same shall be deemed to be cumulative and not alternative to such legal rights and remedies aforesaid. For the sake of brevity, both the Parties agree that this Integrity Pact will have precedence over the Tender/Contact documents with regard any of the provisions covered under this Integrity Pact. IN WITNESS WHEREOF the parties have signed and executed this Integrity Pact at the place and date first above mentioned in the presence of following witnesses:

.....
(For and on behalf of Principal/Owner)

.....
For and on behalf of Bidder/Contractor)

WITNESSES:

1.
(signature, name and address)

2.
(signature, name and address)

Place:

**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

....., 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
Designation
Name of Bidder.....
Seal.....

Signature.....
Name.....

FINANCIAL INFORMATION

- I. Financial Analysis – Details to be furnished duly supported by figures in balance sheet/ profit & loss account for the last five years duly certified by the Chartered Accountant, as submitted by the applicant to the Income Tax Department (Copies to be attached)

Years				
Sr. No.	Financial Year	Gross Annual Turnover	Profit / loss	Remarks
1				
2				
3				
4				
5				

- II. Financial arrangements for carrying out the proposed work.

Signature of Chartered Accountant with Seal

Signature of Bidder(s).

FORM FOR BANK SOLVENCY CERTIFICATE

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

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

(Signature)
For the Bank

- NOTE (1) Bankers certificates should be on letter head of the Bank addressed to tendering authority.
- (2) In case of partnership firm, certificate should include names of all partners as recorded with the Bank.

FORM FOR CERTIFICATE OF NETWORTH 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 and registered address of individual/Firm/Company), as on(the relevant date) is Rs.....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:-

NOTE:

1. Net Worth certificate should be on letter head of the Chartered Accountant addressed to tendering authority (Executive Engineer,).
2. In case of partnership firm, certificate should include names of all partners as recorded with the Chartered Accountant.
3. The certificate should not be more than 12 months old.

FORMAT FOR PERFORMANCE GUARANTEE / BANK GUARANTEE BOND

In consideration of the President of India (hereinafter called “The Government”) acting through **Pay and Accounts officer, Heavy Water Plant (Manuguru), Department of Atomic Energy, Government of India, Gauthami Nagar Post, Aswapuram-Mandal, Bhadradi-Kothagudem Dist., Telangana State-507116** having offered to accept the terms and conditions of the proposed agreement between **The General Manager, Heavy Water Plant (Manuguru)** and (Hereinafter called “the said Contractor(s)”) for the work..... (Hereinafter called “the said agreement”) having agreed to production of an irrevocable Bank Guarantee for Rs..... (Rupees..... only) as a security/guarantee from the contractor(s) for compliance of his obligations in accordance with the terms and conditions in the said agreement.

1. We, (Hereinafter referred to as “the Bank”) hereby undertake to pay to the Government an amount not exceeding Rs.(Rupees.....Only) on demand by the Government.

2. We,(indicate the name of the Bank) do hereby undertake to pay the amounts due and payable under this guarantee without any demure, merely on a demand from the Government stating that the amount claimed as required to meet the recoveries due or likely to be due from the said contractor(s). Any such demand made on the bank shall be conclusive as regards the amount due and payable by the bank under this Guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs.....(Rupeesonly)

3. We, the said bank further undertake to pay the Government any money so demanded notwithstanding any dispute or disputes raised by the contractor(s) in any suit or proceeding pending before any court or Tribunal relating thereto, our liability under this present being absolute and unequivocal. The payment so made by us under this bond shall be a valid discharge of our liability for payment thereunder and the Contractor(s) shall have no claim against us for making such payment.

4. We,(indicate the name of the Bank) further agree that the guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said agreement and that it shall continue to be enforceable till all the dues of the Government under or by virtue of the said agreement have been fully paid and its claims satisfied or discharged or till Engineer-in- Charge on behalf of the Government certified that the terms and conditions of the said agreement have been fully and properly carried out by the said Contractor(s) and accordingly discharges this guarantee.

5. We,(indicate the name of the Bank) further agree with the Government that the Government shall have the fullest liberty without our consent and without affecting in any manner our obligation hereunder to vary any of the terms and conditions of the said agreement or to extend time of performance by the said Contractor(s) from time to time or to postpone for any time or from time to time any of the powers exercisable by the Government against the said contractor(s) and to forbear or enforce any of the terms and conditions relating to the said agreement and we shall not be relieved from our liability by reason of any such variation, or extension being granted to the said Contractor(s) or for any forbearance, act of omission on the part of the Government or any indulgence by the Government to the said Contractor(s) or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.

6. This guarantee will not be discharged due to the change in the constitution of the Bank or the Contractor(s).

7. We,(indicate the name of the Bank) lastly undertake not to revoke this guarantee except with the previous consent of the Government in writing.

8. This guarantee shall be valid up tounless extended on demand by the Government. Notwithstanding anything mentioned above, our liability against this guarantee is restricted to Rs.(Rupees) and unless a claim in writing is lodged with us within six months of the date of expiry or the extended date of expiry of this guarantee all our liabilities under this guarantee shall stand discharged.

Dated theday offor.....(indicate the name of the Bank)

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 NIT clauses 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 understood 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)

Note: Eligible source Countries:

Any Bidder, from a country which shares a land border with India must comply to the order (Public procurement No.1) & order (Public Procurement No.2) issued by Public Procurement Division, Dept. Of Expenditure, Ministry of Finance, Government of India vide F. No.: 6/18/2019-PPD dated 23.03.2020 and its addendum from time to time. Also, the bidder shall provide a certificate as per proforma given in this set of forms. If such declaration or certificate is found to be false or to be incorrect at any time of submission of Bid or after awarding the Contract, then the said Contract will be terminated, along with such other actions as may be permissible under the relevant law of India.

TENDER ACCEPTANCE LETTER

(To be given on Company Letter Head)

To:

The General Manager,
Heavy Water Plant (Manuguru),
Post: Gauthami Nagar,
Aswapuram – 507 116
Bhadradri-Kothagudem Dist.,
Telangana State

Sub: Acceptance of Terms & Conditions of Tender.

Tender Reference No: _____ dated _____ 2024

Name of Tender / work:
.....

Dear Sir,

1. I / We have downloaded / obtained the tender document(s) for the above mentioned Tender/Work from the web site(s) namely: <https://eprocure.gov.in/eprocure/app> and www.hwb.gov.in as per your advertisement, given in the above mentioned website(s).
2. I / We hereby certify that I / we have read the entire terms and conditions of the tender documents (including Tender documents, annexure(s), schedule(s), corrigendum(s), Technical Specifications of work etc., available at website <http://eprocure.gov.in/eprocure/app>), which will form part of the contract agreement and I / we shall abide hereby by the terms / conditions / clauses contained therein.
3. The corrigendum(s) issued from time to time by your department/ organization to have also been taken into consideration, while submitting this acceptance letter.
4. I / We hereby unconditionally accept the tender conditions of above mentioned tender document(s) / corrigendum(s) in its totality /entirety.
5. I / We do hereby declare that our Firm has not been blacklisted/ debarred by any Govt. Department/Public sector undertaking.
6. I / We certify that all information furnished by our Firm is true & correct and in the event that the information is found to be incorrect/untrue or found violated, then your department/ organization shall without giving any notice or reason therefore or summarily reject the bid or terminate the contract, without prejudice to any other rights or remedy including actions as taken by Department.

Yours Faithfully,

(Signature of the Bidder, with Official Seal)

(To be given on Company Letter Head)

TO WHOMSOEVER IT MAY CONCERN

Undertaking Pursuant to Section 206 AB of the Income Tax Act 1961
 Declaration confirming filing of Income Tax Return from immediate two preceding Years.

I, _____ [Name], in the capacity of Individual / Proprietor/Partner/Director/Authorized signatory of _____ [Entity Name] with PAN _____, do hereby make the following declaration as required under the relevant provisions of the Income Act, 1961 (hereinafter referred as 'the Act'):

1. That I/We am /are authorized to make this declaration in the capacity as Individual / Proprietor/Partner/Director.
2. I/We hereby declare and confirm that I/We do not fall under the definition of 'specified person' as provided in section 206AB of the IT Act.
3. I/We have duly filed return of income for FY 20-21 & FY 21-22 within due date as per Section 139 (1) of the Income-tax Act, 1961 -Yes/No (strike out whichever is not applicable).
4. If return has been filled the details are as follows:

I/We, _____ having PAN _____, hereby confirm that the provision of Section 206AB is not applicable in my/our case as I/we am/are regular in filling of Income Tax Return. The details (along with proof of documents) of acknowledgement numbers and date of filing of Income Tax Returns for last two financial years are furnished below:

S. No.	Financial Year/(Assessment Year)	Date of filling Income Tax Return	ITR Acknowledgement Number
1			
2			

5. I/we, hereby take responsibility for any loss/liability fully including any tax, interest, penalty, etc., that may arise due to incorrect reporting of above Information.

All the aforesaid representations are true and correct, and we/I agree to furnish any evidence required at any time in support thereof.

On behalf of _____
 (Name of the authorised Signatory)

(Designation)

Name of the Entity:

Details of Past Experience

Tender No.:

Name of the work:

Sl. NO.	Work order No./Ref. No.	Value of W.O & Name and address of the company details	Present status of work i.e., % of complete, completed/in progress (Pl attach proof of payment if work is completed)	Name of the Engineer in-charge & his contact details

Note: The bidder shall attach the executed work order as per the above list (complete work order) with detailed scope of work cum technical specification for evaluation without fail.

I/we, hereby undertake that, the details furnished above are true and correct. In case of any deviation on above furnished details which comes to the knowledge of HWPM authority on later date, we fully agree and accept the decisions taken by HWPM, without any objection.

Place:

Date:

(Signature with date & seal of bidder)

Details of Infrastructure/facility availability details with the bidder

(Shall be furnished on their letter head)

The following infrastructure is/are available with us

Sl. No.	Name of the machine/equipment	QTY	Make	Year of Mfg	Remarks

I/we, hereby undertake that, the details furnished above are true and correct. In case of any deviation on above furnished details which comes to the knowledge of HWPM authority on later date, we fully agree and accept the decisions taken by HWPM, without any objection.

Place:

Date:

(Signature with date & seal of bidder)

Details of expertise/ skilled manpower availability with the bidder

(Shall be furnished on their letter head)

The following expert/skilled manpower are available with us for this work execution:

Sl. No.	Name of the person	Age	Specialization	Experience (No. of years)	Remarks

I/we, hereby undertake that, the details furnished above are true and correct. In case of any deviation on above furnished details which comes to the knowledge of HWPM authority on later date, we fully agree and accept the decisions taken by HWPM, without any objection.

Place:

Date:

(Signature with date & seal of bidder)