

**GOVERNMENT OF INDIA  
NATIONAL REMOTE SENSING CENTRE  
CONSTRUCTION & MAINTENANCE GROUP**

**Name of work: Construction of Technical facility Building and other infrastructure works for Antenna station at Palayamkottai—(Composite contract consisting of Civil & PH works, Electrical, Air-conditioning & Mechanical and other Allied works).**

**PQ Notice No. NRSC /CMG/T/2472/PQ/01/2018-19 dated 24.01.2019**

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**GOVERNMENT OF INDIA  
NATIONAL REMOTE SENSING CENTRE  
CONSTRUCTION & MAINTENANCE GROUP**

**PRE QUALIFICATION DOCUMENT**

**Name of work: Construction of Technical facility Building and other infrastructure works for Antenna station at Palayamkottai—(Composite contract consisting of Civil & PH works, Electrical, Air-conditioning & Mechanical and other Allied works).**

**PQ Notice No. NRSC /CMG/T/2472/PQ/01/2018-19 dated 24.01.2019**

**INDEX SHEET**

<b>Sl. No.</b>	<b>Description</b>	<b>Pages</b>
1	Press Notice for inviting applications for pre-qualification	03
2	Detailed Notice Inviting applications for pre-qualification	05-14
3	Brief Particulars of the work	15-16
<b>EVALUATION FORMATS</b>		
4	Guidelines for Technical Evaluation of bidders for Pre-Qualification.	17
5	Evaluation Format	18-27
<b>FORMATS AND FORMS TO BE FILLED-IN BY THE BIDDER</b>		
6	Format 1 - List of on-going works	28-29
7	Format- 2 - List of completed works in the last 07 years (incl. the current year in which the applications is invited)	
7.1	Format- 2A- List of Similar composite works comprising Civil, PH, Electrical, AC and allied works	30-31
7.2	Format- 2B List of Similar Electrical works executed by main bidder or by Electrical sub-bidder proposed to be engaged by main bidder	32-33
7.3	Format- 2C List of Similar Air conditioning works executed by main bidder or by Air conditioning sub-bidder proposed to be engaged by main bidder	34-35
8	Form- A - Structure & Organisation details	36
9	Form- B - Financial Information	37-38
10	Form- C - Proforma for submission of details of litigation history	39-40
11	Information & Instruction to applicants	41

**ठेकेदारों की बोली-पूर्व योग्यता हेतु सूचना**

**NOTICE FOR PRE-QUALIFICATION (PQ) OF BIDDERS**

पूर्व-योग्यता सूचना सं. : एनआरएससी/ सीएमजी / T/2472/ पीक्यू/ 01/2018-19 दिनांक 24.01.2019  
**PQ Notice No: NRSC /CMG/T/2472/PQ/01/2018-19 dated 24.01.2019**

1. भारत के राष्ट्रपति की ओर से, समूह प्रधान, सीएमजी, राष्ट्रीय सुदूर संवेदन केंद्र, हैदराबाद द्वारा निम्नलिखित समग्र कार्य हेतु ठेकेदारों की बोली-पूर्व योग्यता के लिए आवेदन आमंत्रित है:

On behalf of the President of India, Group Head CMG, National Remote Sensing Centre, Hyderabad invites **applications from bidders for pre-qualification** for the following **composite work**.

क्र.सं. Sl. No	विवरण/ DESCRIPTION	ब्यौरा /Details
1.	कार्य का नाम Title of work	पालयमकोट्टै में एंटेना स्टेशन के लिए तकनीकी सुविधा भवन एवं अन्य अधोसंरचना कार्यों का निर्माण (समग्र संविदा में सिविल व पीएच कार्य, विद्युत, वातानुकूलन व यांत्रिकी एवं अन्य संबद्ध कार्य शामिल हैं) Construction of Technical facility Building and other infrastructure works for Antenna station at Palayamkottai - (Composite contract consisting of Civil & PH works, Electrical, Air-conditioning & Mechanical and other Allied works).
2.	प्राक्कलित लागत (अनुमानित) Estimated cost (Approximate )	₹/Rs.47.00 Crores (परियोजना की संभावित लागत Tentative Project cost)
3.	कार्यदेश जारी होने के 15वें दिन से कार्य पूर्ण करने की अवधि (माह में) Period of completion in months reckoned from the 15 <sup>th</sup> day of date of issue of work order	9 माह/Months (तकनीकी सुविधा भवन / Technical facility building – 06 months/माह तथा समग्र पूर्णता /& total completion – 09 माह/months)
4.	पीक्यू दस्तावेज का मूल्य Cost of PQ document	₹/Rs. 1,000/= व्यक्तिगत जारी करने हेतु for issue in person (डाक द्वारा ₹ 500.00 अतिरिक्त plus Rs 500.00 by post)
5.	पीक्यू दस्तावेज को वेबसाइट से डाउनलोड / समूह प्रधान, सीएमजी, एनआरएससी, हैदराबाद के कार्यालय से प्राप्त करने की अवधि Period during which PQ document can be downloaded from websites/ obtained from the office of Group Head CMG,NRSC,Hyderabad	25.01.2019 से 03.02.2019 सभी कार्यालयीन दिवसों पर (सोमवार से शुक्रवार) 10.00 से 16.00 बजे तक (अंतिम तिथि पर 10.00 से 14.30 बजे) 25.01.2019 to 03.02.2019 on all working days (Monday to Friday)between 10:00 and 16:00 Hrs. (on last day 10:00 to 14:30 Hrs.)
6.	भरे हुए पीक्यू दस्तावेज जमा करने की तिथि व समय	08.02.2019 को 15.30 बजे 08.02.2019 upto 15:30 Hrs.

	Last date and time for receipt of filled up PQ documents.	
<p>विस्तृत पीक्यू सूचना एवं अन्य संबंधित विवरण वेबसाइट पर उपलब्ध है। इच्छुक निविदाकार <a href="http://www.isro.gov.in/www.nrsc.gov.in">www.isro.gov.in/www.nrsc.gov.in</a> वेबसाइट से विस्तृत निविदा आमंत्रण सूचना का संदर्भ लें।</p> <p>Detailed PQ notice and other relevant details are available on websites. Interested tenders may please refer Detailed Notice Inviting Tender (NIT) from website <a href="http://www.isro.gov.in/www.nrsc.gov.in">www.isro.gov.in/www.nrsc.gov.in</a> फोन/Ph:040-23884173/74/78/56.</p>		

समूह प्रधान सीएमजी, एनआरएससी  
Group Head CMG, NRSC

भारत सरकार GOVERNMENT OF INDIA  
अंतरिक्ष विभाग DEPARTMENT OF SPACE

निर्माण एवं अनुरक्षण समूह(सीएमजी) CONSTRUCTION & MAINTENANCE GROUP (CMG),  
राष्ट्रीय सुदूर संवेदन केंद्र (एनआरएससी) NATIONAL REMOTE SENSING CENTRE (NRSC),  
हैदराबाद/HYDERABAD - 500037

दूरभाष सं./Ph. No: (040) 23884173 /74/ 47, फैक्स सं./FAX No: (040) 23884179

ठेकेदारों की बोली-पूर्व योग्यता हेतु सूचना

NOTICE FOR PRE-QUALIFICATION (PQ) OF BIDDERS

पूर्व-योग्यता सूचना सं. : एनआरएससी / सीएमजी / T/2472/ पीक्यू/ 01/2018-19 दिनांक 24.01.2019

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क्र.सं. Sl. No	विवरण/ DESCRIPTION	ब्यौरा /Details
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9.	कार्यादेश जारी होने के 15वें दिन से कार्य पूर्ण करने की अवधि (माह में) Period of completion in months reckoned from the 15 <sup>th</sup> day of date of issue of work order	9 माह/Months (तकनीकी सुविधा भवन / Technical facility building – 06 months/माह तथा समग्र पूर्णता /& total completion – 09 माह/months)
10.	पीक्यू दस्तावेज का मूल्य Cost of PQ document	₹/Rs. 1,000/= व्यक्तिगत जारी करने हेतु for issue in person (डाक द्वारा ₹ 500.00 अतिरिक्त plus Rs 500.00 by post)
11.	पीक्यू दस्तावेज को वेबसाइट से डाउनलोड / समूह प्रधान, सीएमजी, एनआरएससी, हैदराबाद के कार्यालय से प्राप्त करने की अवधि Period during which PQ document can be downloaded from websites/ obtained from the office of Group Head CMG,NRSC,Hyderabad	25.01.2019 से 03.02.2019 सभी कार्यालयीन दिवसों पर (सोमवार से शुक्रवार) 10.00 से 16.00 बजे तक (अंतिम तिथि पर 10.00 से 14.30 बजे) 25.01.2019 to 03.02.2019 on all working days (Monday to Friday)between 10:00 and 16:00 Hrs. (on last day 10:00 to 14:30 Hrs.)

12.	भरे हुए पीक्यू दस्तावेज़ जमा करने की तिथि व समय Last date and time for receipt of filled up PQ documents.	08.02.2019 को 15.30 बजे 08.02.2019 upto 15:30 Hrs.
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2. ऊपर दिखाई गई अनुमानित लागत केवल सांकेतिक है। वास्तविक निविदा के समय आंकड़ा लगभग  $\pm 10\%$  तक भिन्न हो सकता है।

Estimated cost shown above is only indicative. The figure may vary by about  $\pm 10\%$  at the time of actual tendering.

3. निम्नलिखित आवश्यकताओं को पूरा करने वाले ठेकेदार स्व-सत्यापित दस्तावेजों की एक प्रति के साथ पूर्व-योग्यता के लिए आवेदन करने के पात्र होंगे।

Bidders who fulfil the following requirements shall be eligible to apply for pre-qualification with a copy of the self-attested documents:

क्र.सं. Sl.No	अर्हता मापदंड Eligibility Criteria	अर्हता हेतु लिखित प्रमाण (स्वयं द्वारा अनुप्रमाणित प्रतियां भेजी जाएं) Documentary proof for the eligibility (Self attested copies to be submitted)
a.	<p>(A) पीक्यू दस्तावेज जमा करने की अंतिम तिथि से एक दिवस पूर्व समाप्त होने वाले गत सात वर्षों के दौरान निम्नलिखित अंकित किए अनुसार सिविल, पीएच, विद्युत व अन्य संबद्ध कार्यों सहित समान प्रकृति वाले समग्र कार्य को संतोषजनक रूप से पूरा किया गया हो</p> <p>The main bidder should have satisfactorily completed the similar composite works comprising Civil, PH, Electrical and other allied works as mentioned below during the last Seven years ending previous day of last date of submission of PQ document:</p> <p>i. समान प्रकृति का एक समग्र कार्य जिसकी लागत अनुमानित लागत के 80% से कम न हो (अर्थात ₹ <b>37.60 करोड़</b>)</p> <p>One similar composite work costing not less than 80% of the estimated cost i.e. <b>Rs. 37.60 crores</b></p>	<p>i. कार्य अनुभव हेतु संबंधित प्राधिकारी द्वारा जारी कार्य आदेशों / क्रय आदेशों एवं समग्र कार्य पूर्णता प्रमाण-पत्रों की प्रमाणित प्रति। Certified copy of work orders / Purchase orders and completion certificates for composite work issued by the authority concerned to establish work experience.</p> <p>ii. निजी पक्षकारों द्वारा जारी कार्य पूर्णता प्रमाण-पत्रों के साथ टीडीएस (स्रोत पर कर कटौती) प्रमाण-पत्र भी होने चाहिए। Completion certificates for works issued by Private parties shall be supported by TDS (Tax Deducted at Source) certificates.</p>

**नोट: समग्र कार्य के समांतर प्रकृति से आशय है कि:**

**Note: Similar nature of composite work shall mean:**

i) “न्यूनतम G+1 विन्यास वाले आरसीसी छत सहित आरसीसी फ्रेम्ड संरचना के रूप में प्रमुख प्रयोगशाला/औद्योगिक/संस्थात्मक भवन का निर्माण तथा एक समग्र कार्य के रूप में सिविल, पीएच, विद्युत, वातानुकूलन, यांत्रिकी व संबद्ध कार्य सहित न्यूनतम 2000 व.मी. क्षेत्रफल (एक ही इमारत हो, आवश्यक नहीं) का कार्य एक संविदा में निष्पादित”

“Construction of major laboratory / industrial / Institutional buildings as a RCC framed Structure with RCC roof having minimum G+1 configuration and with minimum area of 2000 Sqm (not necessarily as a single building) involving Civil, PH, Electrical, AC, Mechanical and allied works, executed in the same contract as a composite work”.

ii) निष्पादित कार्य के मूल्य को कार्य पूर्ण होने की तिथि से पीक्यू दस्तावेज जमा करने की अंतिम तिथि की अवधि तक के वास्तविक मूल्य को वार्षिक 7% के सरल दर पर बढ़ाकर वर्तमान लागत मूल्य के स्तर तक लाना होगा  
The value of executed works shall be brought to current costing level by enhancing the actual value of work at simple rate of 7% per annum, calculated from the date of completion to last date of submission of PQ document.

iii) उप-संविदा के रूप में निष्पादित कार्य बोली-पूर्व योग्यता के लिए आंका नहीं जाएगा।  
Work executed as subcontract will not merit for prequalification

**(B)** संविदा के विद्युत एवं वातानुकूलन कार्यों के निष्पादन की प्रस्तावित रूपरेखा बोलीकर्ता को स्पष्ट अंकित करनी होगी, अर्थात् स्वयं द्वारा या उप-निविदाकार द्वारा। पूर्ण विवरण एवं घोषणा बाध्यकारी है (प्रस्ताव के साथ घोषित किया जाना है)।

The bidder should clearly indicate how it is proposed to carry out the Electrical and AC works of the contract i.e. whether directly or through sub-contractor giving full details & declaration which is binding (to be declared along with the offer now).

1) विद्युत एवं वातानुकूलन कार्य मुख्य बोलीकर्ता द्वारा स्वयं किया जाना प्रस्तावित होने पर, उपर्युक्त अंकित समग्र कार्य के अनुभव के साथ बोलीकर्ता को पृथक संविदा या समग्र कार्य संविदा के भाग के रूप में, विद्युत एवं वातानुकूलन कार्य अंश संबंधी निम्नलिखित पात्रता मानदंड को भी बोलीकर्ता को पूरा करना होगा।

In case electrical and AC works are proposed to be undertaken by the main bidder himself, in addition to having experience of composite work as mentioned above, the bidder should also meet the following eligibility criteria in respect of electrical and AC works component as a separate contract or part of composite works contract.

2) विद्युत एवं वातानुकूलन कार्य उपठेकेदार द्वारा किया जाना प्रस्तावित होने पर, प्राथमिक बोलीकर्ता को यह सुनिश्चित करना होगा कि प्रस्तावित उप-ठेकेदार सक्षम हैं और पूर्ण रूप से पात्रता मानदंडों को पूरा कर रहे हैं।

In case electrical and Ac works are proposed to be carried out by enaging a

	<p>subcontractor, the primary bidder should duly ensure that the sub-contractors proposed are competent and fully meeting the eligibility criteria.</p>
	<p><b>B1. विद्युत कार्य हेतु पात्रता मानदंड</b>  <u><b>Eligibility criteria for Electrical works</b></u></p> <p>पीक्यू बोली जमा करने की अंतिम तिथि से एक दिवस पूर्व समाप्त होने वाले गत सात वर्षों के दौरान एजेंसी द्वारा निम्नलिखित अंकित किए अनुसार समान प्रकृति वाले कार्य को संतोषजनक रूप से पूरा किया गया हो</p> <p>The agency should have satisfactorily completed similar works as mentioned below during the last seven years ending previous day of last date of submission of PQ bid.</p> <p>i) समान प्रकृति का एक विद्युतीय कार्य जिसकी लागत अनुमानित लागत में विद्युतीय घटक के 80% से कम न हो, अर्थात ₹ 7.84 करोड़  <b>One similar Electrical work costing not less than 80% of the Electrical component in estimate cost. i.e Rs. 7.84 Crores'</b>  <b>(अथवा/OR)</b></p> <p>ii) समान प्रकृति के दो विद्युतीय कार्य जिसकी लागत अनुमानित लागत में विद्युतीय घटक के 60% से कम न हो, अर्थात ₹ 5.88 करोड़)  <b>Two similar electrical works costing not less than 60% of the Electrical component in estimate cost. i.e Rs. 5.88 Crores'</b></p>
<p>विद्युतीय कार्य को निष्पादित करने वाली एजेंसी के पास केंद्र या राज्य विद्युत प्राधिकारी द्वारा जारी उपयुक्त श्रेणी व वर्ग का वैध विद्युत निविदाकार लाइसेंस होना चाहिए।</p> <p>The Agency who is executing Electrical work shall possess valid electrical contractor's license of appropriate class and category issued by Central or State electricity authority.</p>	<p>वैध विद्युत निविदाकार लाइसेंस (प्राथमिक बोलीकर्ता या उप-ठेकेदार) की प्रमाणित प्रति जमा की जानी है।</p> <p>Certified copy of valid electrical contractor's license (of the primary bidder or sub-contractor) shall be submitted.</p>



	<p>नोट: समांतर विद्युत कार्य से आशय है कि “ 11kV/433V सबस्टेशन सहित आंतरिक व बाहरी विद्युतीय कार्य, जिसमें वितरण ट्रांसफार्मर, उच्च दाब पेनल, पावर वितरण प्रणाली, निम्न दाब पेनल, अर्थिंग, तड़ित सुरक्षा प्रणाली एवं डीजी सेट शामिल हो”</p> <p><b>Note: Similar Electrical work shall mean works of “Internal and External Electrical works comprising 11kV/433V substation including distribution transformer, HT panel, power distribution system, LT Panels, earthing, lightning protection systems and DG set ”</b></p> <p>निष्पादित कार्य के मूल्य को कार्य पूर्ण होने की तिथि से पीक्यू दस्तावेज जमा करने की अंतिम तिथि की अवधि तक के वास्तविक मूल्य को वार्षिक 7% के सरल दर पर बढ़ाकर वर्तमान लागत मूल्य के स्तर तक लाना होगा</p> <p>The value of executed work shall be brought to current costing level by enhancing the actual value of work at a simple rate of 7% per annum, calculated from the date of completion to last date of submission of PQ document (including fraction of years).</p>
	<p><b><u>B2. वातानुकूलन कार्य हेतु पात्रता मानदंड</u></b> <b><u>Eligibility criteria for AC works</u></b></p> <p>पीक्यू बोली जमा करने की अंतिम तिथि से एक दिवस पूर्व समाप्त होने वाले गत सात वर्षों के दौरान एजेंसी द्वारा निम्नलिखित अंकित किए अनुसार समान प्रकृति वाले कार्य को संतोषजनक रूप से पूरा किया गया हो</p> <p>The agency should have satisfactorily completed similar works as mentioned below during the last seven years ending previous day of last date of submission of PQ bid.</p> <p>i) समान प्रकृति का एक वातानुकूलन कार्य जिसकी लागत अनुमानित लागत में वातानुकूलन घटक के 80% से कम न हो, अर्थात ₹ 1.39 करोड़ <b>One similar AC work costing not less than 80% of the AC component in estimate cost. i.e Rs. 1.39 Crores’ (अथवा/OR)</b></p> <p>ii) समान प्रकृति के दो वातानुकूलन कार्य जिसकी लागत अनुमानित लागत में वातानुकूलन घटक के 60% से कम न हो, अर्थात ₹ 1.04 करोड़ <b>Two similar AC works costing not less than 60% of the AC component in estimate cost. i.e Rs. 1.04 Crores’</b></p> <p>Certified copy of work order and completion certificates for a separate AC work or part of composite issued by the authority concerned to establish work experience.</p> <p>Completion certificates for work issued by Private parties shall be supported by TDS (Tax Deducted at Source) certificates.</p>

	<p><b>नोट/Note:</b></p> <p>i. समांतर वातानुकूलन कार्य से आशय है कि “ उच्च पक्ष और निम्न पक्ष प्रणाली, सटीक पैकेज वातानुकूलन प्रणाली / वीआरएफ प्रणाली सहित केंद्रिकृत वातानुकूलन प्रणाली की सफलतापूर्वक आपूर्ति संस्थापन, परीक्षण व अधिकृत करना”</p> <p><b>Similar AC work shall mean “Successfully supplied, installed, tested, commissioned centralised AC system consisting of high side and low side system, precision package AC system/ VRF systems”</b></p> <p>ii. निष्पादित कार्य के मूल्य को कार्य पूर्ण होने की तिथि से पीक्यू दस्तावेज जमा करने की अंतिम तिथि की अवधि तक के वास्तविक मूल्य को वार्षिक 7% के सरल दर पर बढ़ाकर वर्तमान लागत मूल्य के स्तर तक लाना होगा The value of executed works shall be brought to current costing level by enhancing the actual value of work at simple rate of 7% per annum, calculated from the date of completion to last date of submission of PQ document.</p>	
<p><b>b.</b></p>	<p>31.03.2018 को समाप्त हुए पिछले तीन वर्षों के दौरान औसत वार्षिक वित्तीय कारोबार ₹ 47.00 करोड़ से कम नहीं होना चाहिए।</p> <p>Should have had average annual financial turnover not less than Rs. 47.00 Crores of the work during the last three years ending 31<sup>st</sup> March of preceding year i.e. 31-03-2018.</p>	<p>वार्षिक वित्तीय कारोबार और लाभ और हानि दिखाने वाली बैलेंस शीट के लिए चार्टर्ड एकाउंटेंट से प्रमाणित प्रति।</p> <p>Certified copy from Chartered Accountant for the Annual financial turnover and balance sheet showing Profit &amp; loss.</p>
<p><b>c.</b></p>	<p>31.03.2018 को समाप्त होने वाले पिछले पांच वर्षों के दौरान दो साल से अधिक समय में कोई नुकसान नहीं हुआ हो।</p> <p>Should not have incurred any loss in more than two years during the last five years ending 31<sup>st</sup> March 2018</p>	
<p><b>d.</b></p>	<p>शोधन-क्षमता जो अनुमानित लागत से 40% से कम न हो अर्थात् ₹ 18.80 करोड़।</p> <p>Should have a solvency of 40% of the estimated cost of the work. i.e. ₹.Rs.18.80 Crores.</p>	<p>किसी अनुसूचित बैंक द्वारा जारी वर्तमान वित्तीय वर्ष 2018-19 में जारी शोधन-क्षमता प्रमाण-पत्र की सत्यापित प्रति।</p> <p>Certified copy of current solvency certificate issued in the current financial year 2018-19 from any Scheduled Bank.</p>

<p>e. ठेकेदार की बोली लगाने की क्षमता बोली-पूर्व योग्यता की अनुमानित लागत (₹ 47.00 करोड़) से अधिक होनी चाहिए। निविदाकर्ता द्वारा बोली लगाने की क्षमता का निर्धारण कर घोषित किया जाना चाहिए और निविदा दस्तावेज के लिए अनुरोध के साथ संलग्न की जानी चाहिए, जो (AxNx2)-B सूत्र पर आधारित हो</p> <p>जहाँ,</p> <p>A- पूरे किए गए कार्य तथा कार्य जो प्रगति पर है का ध्यान रखते हुए वर्तमान मूल्य स्तर पर गत 5 वित्त वर्षों के दौरान एक वर्ष में किए गए अधिकतम मूल्य का कार्य।</p> <p>B- वर्तमान मूल्य स्तर पर, अगले 'N' वर्षों के दौरान वर्तमान प्रतिबद्धता एवं चल रहे कार्य का मान।</p> <p>N- संविदा, जिस हेतु बोलियां आमंत्रित की गई हैं, को पूरा करने हेतु निर्धारित वर्षों की संख्या [N=0.75]</p> <p>The bidding capacity of the applicant should be more than the estimated cost (₹. Rs.47.00 crores) of the work put to Pre-qualification. The bidding capacity shall be worked out and declared by the applicant/ bidder and enclosed with the request for document based on the formula: (A x N x 2) – B, where,</p> <p>A- Maximum value of work executed in one year during last 5 years at current price level taking into account the work completed as well as work in progress.</p> <p>B- Value of existing commitments and ongoing work to be completed during the next 'N'years at current price level.</p> <p>N- (N=0.75) Number of years prescribed for completion of the subject contract for which bids are invited.</p>	<p>i. वर्तमान प्रतिबद्धता एवं जारी कार्यों का मूल्य व प्रत्येक सूचिबद्ध कार्य के शेष बची पूर्ण करने की निर्धारित अवधि का विवरण। Statement showing the value of existing commitment and ongoing works as well as the stipulated period of completion remaining for each of the works listed to be furnished.</p> <p>ii. उपर्युक्त नोट (i) में उल्लिखितानुसार कार्य के मूल्य का वर्तमान लागत स्तर। Current costing level for value of work may be worked out as mentioned under note (i) above.</p>
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4. दस्तावेजी पात्रता के आधार पर केवल बोली-पूर्व योग्यता दस्तावेज जारी किए जाने से किसी बोलीकर्ता को बोली-पूर्व योग्यता में भाग लेने के लिए पात्र नहीं बनाता है। बोलीकर्ता द्वारा जमा किए गए दस्तावेज विभाग द्वारा तदनुसार सत्यापन के अधीन होंगे। आवश्यकताओं को पूरा नहीं किए पाए जाने पर, ऐसे प्रस्ताव पर विचार नहीं किया जाएगा।

Issue of Pre-qualification (PQ) documents on the basis of the documentary eligibility alone will not make any bidder eligible for participating in the Pre-qualification. The documents furnished by the bidders will be subjected to verification subsequently by Department. If found not meeting the requirement, such offers will not be considered.

5. उपर्युक्त पैरा 1 में अंकित अवधि में किसी भी कार्यालयीन दिवस में, शनिवार, रविवार व सामान्य अवकाश के अलावा, किसी अधिसूचित बैंक द्वारा "वेतन एवं लेखा अधिकारी, एनआरएससी, बालानगर, हैदराबाद" के पक्ष में जारी क्रॉसड डिमांड ड्राफ्ट के रूप में **₹.1000/-** के आवश्यक शुल्क के साथ लिखित अनुरोध पर, **समूह प्रधान, निर्माण एवं अनुरक्षण समूह, राष्ट्रीय सुदूर संवेदन केंद्र (एनआरएससी), बालानगर, हैदराबाद - 500 037, फोन (040) 23884174 / 4173 / 4178 / 4156** के कार्यालय से बोली-पूर्व योग्यता दस्तावेज प्राप्त किए जा सकते हैं।

On request in writing, with requisite fee of **Rs. 1,000/-** in the form of crossed Demand Draft for appropriate amount issued by a scheduled Bank in favour of the "Pay & Accounts Officer, NRSC, Balanagar, Hyderabad" Pre-Qualification (PQ) documents can be obtained from **Office of the Group Head, Construction and Maintenance Group, National Remote Sensing Centre (NRSC), Balanagar, Hyderabad-500 037, Ph. No. (040) 23884174 / 4173 / 4178/4156**, on any working day during the period mentioned in Para 1 above, except on Saturdays, Sundays and Public holidays.

ड्राफ्ट द्वारा पीक्यू दस्तावेज की मांग किए जाने के साथ पीक्यू दस्तावेज का मूल्य एवं स्टेशनरी व ड्राफ्ट शुल्क (अप्रतिदेय) **₹. 1500/-** का "वेतन एवं लेखा अधिकारी, एनआरएससी, बालानगर, हैदराबाद" के पक्ष में आहरित हैदराबाद में देय आदाता के खाते का डिमांड ड्राफ्ट होना चाहिए। दस्तावेज को इसरो की वेबसाइट [http:// www.isro.gov.in](http://www.isro.gov.in) या [http:// www.nrsc.gov.in](http://www.nrsc.gov.in) से भी डाउनलोड किया जा सकता है।

Requisition for issue of PQ documents by post shall be accompanied by account payee Demand Draft for **Rs. 1,500/-** towards cost of PQ document and stationery & postage charges (non-refundable) drawn in favour of "Pay & Accounts Officer, NRSC, Hyderabad" payable at Hyderabad. **The documents can also be downloaded from ISRO website: [http:// www.isro.gov.in](http://www.isro.gov.in) or [http:// www.nrsc.gov.in](http://www.nrsc.gov.in).**

**बोली-पूर्व योग्यता प्रक्रिया में भागीदारी के लिए वेबसाइट से एजेंसियों द्वारा डाउनलोड किया गया पीक्यू दस्तावेज भी मान्य होगा। वेबसाइट से डाउनलोड किए गए पीक्यू दस्तावेजों का उपयोग करने वालों को पीक्यू बोलियों को प्रस्तुत करने के साथ रुपये 1,000/- के "वेतन और लेखा अधिकारी, एनआरएससी, हैदराबाद" के पक्ष में किसी अनुसूचित बैंक द्वारा जारी किए गए क्रॉस किए गए डिमांड ड्राफ्ट के रूप में ऊपर निर्दिष्ट के अनुसार पीक्यू दस्तावेज का मूल्य/शुल्क का भुगतान करना होगा। अपेक्षित शुल्क के बिना प्राप्त पीक्यू बोलियों को अमान्य माना जाएगा।**

**The PQ document downloaded by the agencies from the website shall also be valid for participation in the pre-qualification process. Those making use of the PQ documents downloaded from the website shall have to pay the cost/fee of PQ document as specified above in the form of crossed Demand draft for Rs. 1,000/- issued by a scheduled Bank in favour of the "Pay & Accounts Officer, NRSC, Hyderabad" along with the submission of PQ bids. PQ bids received without the requisite fee shall be considered as invalid.**

6. हार्ड कॉपी में अपेक्षित दस्तावेजों के साथ विधिवत रूप से पूर्ण की गई पीक्यू बोलियों (वेबसाइट से डाउनलोड किए गए पीक्यू दस्तावेजों का उपयोग करने वालों के लिए पीक्यू दस्तावेज के मूल्य का डिमांड ड्राफ्ट सहित) को सीलबंद कपड़े के अस्तर के आवरण में जमा किया जाना है। इस आवरण को 'बोली-पूर्व योग्यता' के साथ सुपर-स्क्राइब किया जाए और कार्य का नाम, पीक्यू सूचना सं. और आवेदक / बोलीकर्ता का नाम भी होना चाहिए।

The duly completed PQ bids along with requisite documents in hard copy (**including Demand draft for cost of PQ document for those making use of the PQ documents downloaded from the website**) should be submitted in sealed cloth lined cover. This cover shall be super-scribed with 'Pre-Qualification Bid' and also the name of the work, PQ Notice number and name of applicant/ bidder. This cover shall contain the full set of PQ documents issued to the applicant/ bidder, duly filled in and signed.

7. आवेदक / बोलीकर्ता बिना चूक के प्रारूप और फॉर्म सहित पीक्यू बोली के सभी पन्नों पर हस्ताक्षर करेंगे। आवश्यक पृष्ठों पर विधिवत भरा हुआ मूल पीक्यू दस्तावेज, पीक्यू बोली के साथ वापस किया जाना है।

Applicant/ bidder shall sign all the pages of PQ bid including Formats and Forms without fail. The original PQ document, duly filled in at required pages should be returned along with the PQ bid.

8. **समूह प्रधान, निर्माण एवं अनुरक्षण समूह एनआरएससी, हैदराबाद** के कार्यालय में पीक्यू बोलियां प्राप्त और खोली जाएंगी। विलंबित और देर से जमा की गई पीक्यू बोलियां को सरसरी तौर पर निरस्त कर दिया जाएगा। बोलीकर्ताओं या उनके अधिकृत प्रतिनिधियों की उपस्थिति में पीक्यू बोलियां खोली जाएंगी।

PQ bids will be received and opened at the Office of the **Group Head, Construction and Maintenance Group, NRSC, Hyderabad**. Delayed and late submission of PQ bids will be summarily rejected. PQ bids will be opened in the presence of attending bidders or their authorized representatives.

9. निविदा खोलने की नियत तिथि पर पीक्यू बोली को ही खोला जाएगा। आगे विस्तृत संवीक्षा/मूल्यांकन निम्नांकित दो चरणों में किया जाएगा:

On the due date of opening, the PQ bids will be opened. Further detailed scrutiny / evaluation will be carried out in following stages :

**चरण 1:** पीक्यू बोली के मूल्यांकन के दौरान, बोलीकर्ता द्वारा प्रस्तुत दस्तावेजों की विस्तृत जांच की जाएगी। योग्यता मानदंडों को पूरा नहीं करने वाले किसी भी आवेदन/पीक्यू को इस चरण में अस्वीकार कर दिया जाएगा और ऐसे प्रस्तावों को आगे की प्रक्रिया के लिए विचार नहीं किया जाएगा।

**Stage-1 :** During the evaluation of PQ bids, the documents furnished by the bidders will be scrutinized in detail. Any application/ PQ bid, found as not fulfilling the eligibility criteria will be rejected at this stage and such offers will not be considered for further processing.

**चरण 2:** इस चरण पर मुख्य बोलीकर्ता के साथ साथ उप-निविदाकार की कार्यक्षमता का, निविदाकारों द्वारा किए गए चुनिंदा कार्यों के निरीक्षण करते हुए एक तकनीकी मूल्यांकन समिति (टी.ई.सी.) द्वारा पुनः मूल्यांकन किया जाएगा। मूल्यांकन मानदण्ड सहित तकनीकी मूल्यांकन प्रारूप निविदा दस्तावेज में संलग्न है।

**Stage-2 :** The competency of the main bidders as well as sub-contractors will be further evaluated by a Technical Evaluation Committee (TEC) including inspection of selected works carried out. The Technical Evaluation format including the evaluation criteria is enclosed.

केवल वे बोलीकर्ता जो चरण -1 के तहत आवश्यकताओं को पूरा करते हैं, चरण -2 के तहत मूल्यांकन प्रक्रिया के लिए पात्र होंगे। पूर्ण मूल्यांकन के बाद अंतिम चुने हुए बोलीकर्ताओं को निविदा में आगे की भागीदारी के लिए योग्य पाया जाएगा।

**Only those bidders who satisfy requirements under Stage-1 will be eligible for evaluation process under Stage-2. The bidders who are finally shortlisted after the complete evaluation will be qualified for further participation in the tender.**

**नोट:-** यदि कोई विशेष बोलीकर्ता जिसे समान प्रकृति एवं परिमाण के किसी कार्य तथा मूल्यांकन के समान मानदण्ड हेतु गत एक वर्ष में किसी भी इसरो केंद्र द्वारा तकनीकी रूप से मूल्यांकन किया गया है तो ऐसे बोली लगाने वाले को पुनः-मूल्यांकन नहीं किया जाएगा और पिछले मूल्यांकन के अंक वर्तमान बोली-पूर्व पात्रता निर्धारण हेतु लिए जाएंगे।

**Note:** Any particular bidder who has been technically evaluated by any of ISRO Centres in the past one year for any work of similar nature and magnitude and for same criteria of evaluation, such bidders will not be re-evaluated and the scores of the previous evaluation will be taken for the assessment of the eligibility for the present pre-qualification.

10. **समूह प्रधान, सी.एम.जी., एनआरएससी** की पूर्व अनुमति से इच्छुक बोलीकर्ता/आवेदक पीक्यू बोली प्रस्तुत करने के पूर्व कार्यस्थल का निरीक्षण कर सकते हैं।  
Intending bidders/applicants may inspect the site before submitting the PQ bids, with the prior permission of **Group Head, CMG, NRSC.**
11. भारत के राष्ट्रपति की ओर से निविदा स्वीकारकर्ता प्राधिकारी प्राप्त आवेदन स्वीकार करने के लिए बाध्य नहीं है और बिना कोई कारण बताए प्राप्त किसी या सभी आवेदनों को अस्वीकार करने का अधिकार रखता है।  
The accepting authority on behalf of The President of India is not bound to accept any of the applications received and reserves the authority to reject any or all the applications received without assigning any reason.
12. बोली-पूर्व योग्यता के संबंध में प्रत्यक्ष या अप्रत्यक्ष सिफारिश करने पर सख्त प्रतिबंध है और बोलीकर्ताओं द्वारा सिफारिश का सहारा लेते हुए प्रस्तुत की गई बोलियां अस्वीकार की जा सकती हैं।  
Canvassing directly or indirectly, in connection with Pre-Qualification is strictly prohibited and the PQ bids submitted by the bidders who resort to canvassing will be liable for rejection.
13. बोलीकर्ता को अंतरिक्ष विभाग के इसरो केंद्र विशेष, जो ठेके को प्रदान करने और निष्पादित करने के लिए उत्तरदायी है, के समूह/प्रभाग में कार्य करने हेतु बोली-पूर्व योग्यता में भागीदारी की अनुमति नहीं दी जाएगी, जहाँ उसका निकट संबंधी कार्यरत हो। उसे उन व्यक्तियों के नाम बताने होंगे जो उसके साथ किसी भी रूप में कार्य कर रहे हैं या तदुपरांत उसके द्वारा नियुक्त किए जाएँ और जो अंतरिक्ष विभाग में किसी राजपत्रित अधिकारी के निकट संबंधी हैं। बोलीकर्ता द्वारा इस शर्त के किसी प्रकार के उल्लंघन करने पर पीक्यू बोली को अस्वीकार या टेंडरिंग प्रक्रिया के बाद कार्य आबंटित होने पर संविदा को रद्द कर दिया जाएगा।  
The bidders shall not be permitted to participate in Pre-qualification for works in the Group / Division of that particular ISRO Centre of the Department of Space responsible for award and execution of contracts for which his/her near relative is working. He/she 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 the Department of Space. Any breach of this condition by the bidder would render him liable for rejection of PQ bid or cancellation of contract in case of award of work after tendering process.
14. **पीक्यू मूल्यांकन के लिए संयुक्त उपक्रम के आवेदन स्वीकार्य नहीं हैं।**  
**Applications from joint ventures will not be accepted for PQ evaluation.**

**समूह प्रधान, सीएमजी/एनआरएससी  
Group Head, CMG / NRSC**



**Name of work: Construction of Technical facility Building and other infrastructure works for Antenna station at Pallayamkottai—(Composite contract consisting of Civil & PH works, Electrical, Air-conditioning & Mechanical and other Allied works).**

**PQ Notice No. NRSC /CMG/T/2472/PQ/01/2018-19 dated 24.01.2019**

**BRIEF PARTICULARS OF THE WORK**

**1. General:**

The details of work for which pre-qualification applications are invited are as under :

<b>Sl. No.</b>	<b>Name of Work</b>	<b>Approx. cost</b>	<b>Period of completion</b>
1.	<b>Construction of Technical facility Building and other infrastructure works for Antenna station at Pallayamkottai - (Composite contract consisting of Civil &amp; PH works, Electrical, Air-conditioning &amp; Mechanical and other Allied works).</b>	<b>Rs.47.00Crores</b>	<b>09 Months</b> (Technical facility – 06 months, total completion – 09 months)

The breakup of cost components (indicative only) of for various subheads in the estimated cost for the subject composite tendering are as below:

<b>Sl. No.</b>	<b>Subhead</b>	<b>Approx. amount in Lakhs (indicative)</b>
i.	Civil & PH works	3000.00
ii.	Electrical Works ( Excluding payment to TANGEDCO for power supply & Solar power plant)	867.90
iii.	AC Works	153.90
iv.	Mechanical Works	20.00
	Sub total	4041.80
	Taxes and Cess	667.45
	<b>Total</b>	<b>4709.25</b>
	<b>Say Rs.</b>	<b>47.00 Crores</b>

**2. About the facility**

The work site is situated in 15 acres land at Palayamkottai, Tirunelveli District, Tamilnadu. The project consists of technical building, amenity building, watch tower & morcha, substation and other infrastructure as briefed below,

- i) The technical facility is a G+1 structure with a height of 4m/4.5m with high end finishes like granite flooring, false flooring, metal grid false ceiling, HPL cladding, wall panelling, glass partition, UDTI etc.,
- ii) Amenity buildings include CISF barracks of approx 2100 Sq.m and Guest house 1300 Sq.m
- iii) Other infrastructure facilities include 04 Nos watch tower & morcha, Substation of 200 Sq.m with 4.7m height, main gate, security block, Gaarage, roads, drains of 250m, compound wall of 1 Km, service cable trenches of 0.6Km length, landscaping, car

parking, fire fighting, external electrical works, STP, GLR, OHT, RWH etc., along with few service quarters.

**3. Scope of work:**

- a) Civil works include RCC framed structure in G+1 configuration with brick masonry walls, metal grid false ceiling, false flooring, flooring with granite/ ceramic tile/ vitrified/ wooden/ designer concrete tiles, wall panelling, UDTI, SS railing, skylight with polycarbonate sheet etc.,
  - b) PH works include internal and external PH works with borewell, 20 KLD WTP, 20 KLD STP, sewerage system, internal fire fighting, sprinklers and drip irrigation, drains, rainwater harvesting etc.,
  - c) Internal and external electrical works including light fittings, distribution boards, LT panels, cable management system, power supply to AC and mechanical loads, 2\*1000 KVA transformer, DG sets of 2x750 kVA, street lighting, landscape/ flood lighting, UPS power supply distribution system, Telephone, LAN, smoke detection & fire alarm / Hydrant earthing and Lighting Protection System.
  - d) AC works include supply and installation testing and commissioning of precision package units, VRF system and ductable AC units.
  - e) Mechanical works include lift of 13 nos passenger lift.
4. Work shall be executed according to standards, safety code and specifications etc. of ISRO / DOS, which are available in the website – [www.isro.gov.in](http://www.isro.gov.in). A copy of the same is available in office of the Group Head CMG , NRSC for reference.
5. General conditions of contract (GCC) also available in the said website for reference. However, work specific conditions will be issued along with the tender.

**Group Head CMG, NRSC**



**Name of work: Construction of Technical facility Building and other infrastructure works for Antenna station at Palayamkottai—(Composite contract consisting of Civil & PH works, Electrical, Air-conditioning & Mechanical and other Allied works).**

**PQ Notice No. NRSC /CMG/T/2472/PQ/01/2018-19 dated 24.01.2019**

**GUIDELINES FOR TECHNICAL EVALUATION OF BIDDERS FOR PRE-QUALIFICATION**

- 1) Work executed by main bidder shall be directly for the client. But work executed as sub-contract or joint venture will not be considered for eligibility / shortlisting/ evaluation in Pre-qualification of the main bidder.
- 2) For technical evaluation, at the discretion of the Technical Evaluation Committee (TEC), one completed work and one ongoing work of the bidder of **similar nature & magnitude** may be inspected. Bidders shall submit the list of works as per **Formats 1 & 2 A to 2 C** enclosed at Page No. **28-35**
- 3) If the bidder has already executed and completed works for Department of Space or in the process of executing any on-going work with Department of Space, of similar nature, then evaluation may be carried out based on inspection of these works also.
- 4) Evaluation criteria is mentioned at Page No. **18-27** of this PQ document.
- 5) The evaluation will be carried out for each component (Civil & PH, Electrical and Air conditioning works) of the composite work and the main agency/ sub-agency/ bidders should qualify in each component of the work individually.
- 6) Further, bidders are requested to furnish their company/ firm details, financial information & litigation history in the Forms "A", "B" & "C" at Page No. **36-40** of this document.

## EVALUATION FORMAT

**Name of work: Construction of Technical facility Building and other infrastructure works for Antenna station at Palayamkottai—(Composite contract consisting of Civil & PH works, Electrical, Air-conditioning & Mechanical and other Allied works).**

**PQ Notice No. NRSC /CMG/T/2472/PQ/01/2018-19 dated 24.01.2019**

### ABSTRACT

Sl. No	Parameters Quality	Max. marks	Min. marks required for qualification	Marks secured by the agencies
1	Quality	30	25	
2	Adherence to time	30	25	
3	Work culture	20	15	
4	Safety	20	15	
Total marks		100	90	

**Note :** In addition to minimum qualification marks for the individual traits (1 to 4) indicated above, the total minimum qualification marks (75) indicated shall also be secured for a main bidder (for composite work) as well as sub-contractor (for service components) to be technically qualified.

Name of agency : \_\_\_\_\_

Name of work inspected : \_\_\_\_\_

## 1. QUALITY

Total Marks: 30

### 1(A) For Civil & PH works [Executed by M/s. ....]

Sl. No	Description	Max. marks	Marks secured by the agency
<b>1.1</b>	<b>General</b>		
a.	ISO Certification	<b>2</b>	
b.	Availability of identified quality wing and testing laboratories.	<b>2</b>	
<b>1.2</b>	<b>Quality Practices as evaluated at Site</b>		
a.	Whether regular quality checks carried out on materials / items used in execution ?	<b>3</b>	
b.	General practices adopted at site for execution of work.	<b>3</b>	
<b>1.3</b>	<b>Grading of Workmanship</b>		
<b>1.3.1</b>	<b>Structural work</b>	<b>2</b>	
a.	Line, Level and plumb		
b.	Finish at Junctions		
c.	Free from visible defects (like cracks, honeycomb, bulging, insufficient cover etc .,)		
d.	General workmanship		
<b>1.3.2</b>	<b>Plastering</b>	<b>2</b>	
a.	Surface finish		
b.	Finish at joints		
c.	Defects like cracks		
d.	Finishing of grooves		
e.	Dampness		
<b>1.3.3</b>	<b>Painting</b>	<b>2</b>	
a.	Even shade		
b.	Preparation of surface		

c.	General painting workmanship		
<b>1.3.4</b>	<b>Flooring, Dadoing, Skirting</b>	<b>2</b>	
a.	Uniformity in colour and shade		
b.	Level		
c.	Joints		
d.	Slopes/ depressions in toilets etc.,		
<b>1.3.5</b>	<b>Joinery</b>	<b>2</b>	
a.	Dimensional accuracy		
b.	Quality of hardware fittings		
c.	Glass quality		
d.	Fixing of glass		
<b>1.3.6</b>	<b>General workmanship of Special items:</b>	<b>2</b>	
a.	False ceiling		
b.	Underdeck insulation		
c.	Acoustic treatment		
d.	Cladding		
e.	Any other items		
<b>1.3.7</b>	<b>General workmanship of WPC, Roof drainage, Roof Leakage/ Dampness, Coving/ Gola etc.,</b>	<b>3</b>	
<b>1.3.8</b>	<b>General workmanship of Services :</b>		
<b>i.</b>	<b>Public Health</b>	<b>5</b>	
a.	Plumbing/ sanitary items		
b.	Plumbing fixtures		
c.	Any other items		
	<b>Total marks</b>	<b>30</b>	

Name of agency : \_\_\_\_\_

Name of work inspected : \_\_\_\_\_

## 1. QUALITY

Total Marks: 30

### 1(B.1) For Electrical Works [Executed by M/s. ....]

Sl.No	Description	Max. marks	Marks secured by the agency
<b>1.1</b>	<b>General</b>		
a.	ISO Certification	<b>2</b>	
b.	Availability of identified quality wing and testing laboratories.	<b>2</b>	
<b>1.2</b>	<b>Quality Practices as evaluated at Site</b>		
a.	Whether regular quality checks carried out on materials / items used in execution ?	<b>3</b>	
b.	General practices adopted at site for execution of work.	<b>3</b>	
<b>1.3</b>	<b>Grading of Workmanship</b>		
1.3.1	Conduiting and wiring practices for lights and fans.	<b>2</b>	
1.3.2	Alignment of installations – lights, fans, power sockets / switches etc.	<b>2</b>	
1.3.3	DB fixing/ dressing	<b>2</b>	
1.3.4	Panel design, layout, installation, quality & finishing and safety features	<b>2</b>	
1.3.5	External cable routing, laying and dressing	<b>2</b>	
1.3.6	Earthing	<b>2</b>	
1.3.7	Lightning protection works	<b>2</b>	
1.3.8	Smoke detection and fire alarm system works	<b>2</b>	
1.3.9	Adherence to standard code of practice	<b>2</b>	
1.3.10	Overall finishing	<b>2</b>	
	<b>Total marks</b>	<b>30</b>	

**1(B.2) For Electrical Substation Works only [Executed by M/s. ....]**

Sl.No	Description	Max. marks	Marks secured by the agency
<b>1.1</b>	<b>General</b>		
a.	ISO Certification	<b>2</b>	
b.	Availability of identified quality wing and testing laboratories.	<b>2</b>	
<b>1.2</b>	<b>Quality Practices as evaluated at Site</b>		
a.	Whether regular quality checks carried out on materials / items used in execution ?	<b>3</b>	
b.	General practices adopted at site for execution of work.	<b>3</b>	
<b>1.3</b>	<b>Grading of Workmanship</b>		
1.3.1	Transformer installation	2	
1.3.2	HT circuit breaker installation	2	
1.3.3	Main LT panel installation	2	
1.3.4	Bus duct installation	2	
1.3.5	Cable laying/ routing/ dressing	2	
1.3.6	Cable Termination	2	
1.3.7	DG installation works	2	
1.3.8	Substation Earthing	2	
1.3.9	Adherence to standard code of practice	2	
1.3.10	Overall layout, finishing and neatness	2	
	<b>Total Marks</b>	<b>30</b>	

Name of the agency: \_\_\_\_\_

Name of work inspected: \_\_\_\_\_

**Total Marks: 30**

**QUALITY (1.C) For Air Conditioning Works only**

Sl.No	Description	Max. marks	Marks secured by the agency
<b>1.1</b>	<b>General</b>		
a.	ISO Certification	<b>2</b>	
b.	Availability of identified quality wing and testing laboratories.	<b>2</b>	
<b>1.2</b>	<b>Quality Practices as evaluated at Site</b>		
a.	Whether regular quality checks carried out on materials / items used in execution ?	<b>3</b>	
b.	General practices adopted at site for execution of work.	<b>3</b>	
<b>1.3</b>	<b>Grading of Workmanship</b>		
<b>1.3.1</b>	<b>High side AC system</b>		
a.	Chiller package: Chiller units/ condensing unit installation work	1	
b.	Refrigerant pipe work	1	
c.	Cooling tower and condenser water pump installation work	1	
d.	Condensed water piping work	1	
e.	Chiller water pumps/ expansion tank work etc.,	1	
f.	Chilled water piping & Installation work	1	
g.	Cabling & Earthing work (Cable laying/ routing/ dressing)	1	
h.	Power & Control panels, Controls & Safety features	1	
i.	Sound & Vibration of the plants	1	
j.	Overall finishing, Neatness, feasibility for maintenance	1	
	<b>Low side AC system</b>		
a.	Air handling units/ blower system work	1	
b.	Chilled water piping & Installation work	1	
c.	Ducting work	1	

d.	Heater banks/ grilles work	1	
e.	Filter banks & filter arrangements	1	
f.	Acoustic/ thermal installation work	1	
g.	Cabling & Earthing work (Cable laying/ routing/ dressing)	1	
h.	Overall finishing, Neatness, feasibility for maintenance	1	
i.	Confirmation of achieving inside design conditions	1	
j.	After sales service/ AMC	1	
	<b>Total Marks</b>	<b>30</b>	



Name of the agency : \_\_\_\_\_

Name of work inspected : \_\_\_\_\_

**2.ADHERENCE TO TIME SCHEDULE**

**(Common for Civil, Electrical works)**

**Total Marks: 30**

Sl. No	Description	Max. marks	Marks secured by the agency																	
2.1	Performance on works (time over-run) Assessment of marks as per calculation sheet given below.	<b>20</b>																		
	<i>TOR assessed for the work As per calculation/ interpolation mentioned in the table</i>		( _____ )																	
Assessment of marks for 2.1: TOR (Time Over – run = AT/ST (Actual Time / Stipulated Time)																				
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">Parameter</th> <th colspan="2">Score</th> </tr> <tr> <th>Without levy of compensation</th> <th>With levy of compensation</th> </tr> </thead> <tbody> <tr> <td>If TOR =</td> <td></td> <td></td> </tr> <tr> <td>1.00</td> <td style="text-align: center;">20</td> <td style="text-align: center;">---</td> </tr> <tr> <td>&gt; 1.00 to 1.50</td> <td style="text-align: center;">15</td> <td style="text-align: center;">10</td> </tr> <tr> <td>&gt; 1.50</td> <td style="text-align: center;">10</td> <td style="text-align: center;">-5</td> </tr> </tbody> </table> <p style="text-align: center;"><i>* after due evaluation of reasons for delay by TEC.</i></p>				Parameter	Score		Without levy of compensation	With levy of compensation	If TOR =			1.00	20	---	> 1.00 to 1.50	15	10	> 1.50	10	-5
Parameter	Score																			
	Without levy of compensation	With levy of compensation																		
If TOR =																				
1.00	20	---																		
> 1.00 to 1.50	15	10																		
> 1.50	10	-5																		
Note:																				
1      The performance may be assessed from the total number of works completed by the bidder in the last 03 years and average of the marks to be considered.																				
2      Marks for the values in between the stages indicated above are to be determined linearly.																				
2.2	Assessment of adherence to time as inferred from client / work at site	<b>5</b>																		
2.3	Scientific / Effective methodology implemented for evaluation of the progress (like Primavera, MS Projects etc.) and immediate remedial measures if required.	<b>5</b>																		
<b>Total Marks</b>		<b>30</b>																		

Name of the agency : \_\_\_\_\_

Name of work inspected : \_\_\_\_\_

### 3. WORK CULTURE

(Common for Civil, & Electrical works)

Total Marks: 20

Sl.No	Description	Max. marks	Marks secured by the agency
3.1	Amenable for corrective measures/ suggestions	2	
3.2	Good co-ordination with other agencies	2	
3.3	Preferring claims with supporting documents in time	2	
3.4	Contractors / Representative available at site of work.	2	
3.5	Taking timely action to comply with site instructions	2	
3.6	Proper site Management.	2	
3.7	General upkeep of site	2	
3.8	Proper stacking /Storage of materials	2	
3.9	Proper security arrangements for materials	2	
3.10	Basic amenities for labours at work site	2	
<b>Total marks</b>		<b>20</b>	
3.11	Litigate nature	-2	

Name of the agency : \_\_\_\_\_

Name of work inspected : \_\_\_\_\_

#### 4. SAFETY

(Common for Civil & Electrical works)

**Total Marks: 20**

<b>Sl.No</b>	<b>Description</b>	<b>Max. marks</b>	<b>Marks secured by the agency</b>
4.1	Availability of established safety cell and safety policy?	<b>4</b>	
4.2	Safety officer is employed at site?	<b>4</b>	
4.3	Safety Slogan /Signage displayed?	<b>4</b>	
4.4	Safety drills are conducted periodically ? And Regular instructions to bring safety awareness to the workers	<b>4</b>	
4.5	Whether safety practices are followed at site (personnel and site specific) ?	<b>4</b>	
<b>Total marks</b>		<b>20</b>	

**INFORMATION REGARDING ELIGIBILITY**

**FORMAT 1 (To be filled-up by bidder/ applicant)**

**LIST OF ON-GOING WORKS**

Name of main bidder : \_\_\_\_\_

Sl. No.	Description		Details of works					
			Work No.1	Work No.2	Work No.3	Work No. 4	Work No. 5	Work No. 6
1	Name of work	:						
2	Nature of work	:						
3	Value of composite work	:						
4	Break up details of cost components/ subheads of composite work							
	(a) Civil Work	:						
	(b) PH Work	:						
	(c) Electrical Work	:						
	(d) Any other component (pl. Specify)	:						
	Total	:						
5	Date of Commencement of work							
6	Date of Completion as per W.O.	:						

7	Present status & percentage of work completed	:						
8	Expected date of completion	:						
9	Expected commitment during next 27 months	:						
10	Details of client & Full Postal Address contact details	:						
	(a) Name of client							
	(b) Full Postal Address with PIN code							
	(c) Telephone no.							
	(d) FAX No.							
	(e) e-mail							
	(f) Name of contact person							

**Note:** (1) The above details in format – 1 is to be furnished by the Applicant along with copy of work order issued by the client.

(2) If the details / number of works to be furnished by applicant are more, applicant can submit the details in the specified formats separately enclosing with PQ bid. However, this fact should be mentioned in the above blank format.

(Signature of the bidder with stamp)

## **FORMAT -2A (To be filled-up by bidder/applicant)**

**(List of Similar composite works comprising Civil, PH and Electrical works completed in the last 07 years (incl. the current year in which the PQ application is invited)**

Name of main bidder : \_\_\_\_\_

Sl. No.	Description	Details of works					
		Work No.1	Work No.2	Work No.3	Work No. 4	Work No. 5	Work No. 6
1	Name of work	:					
2	Nature of work	:					
3	Work Order/ agreement Number	:					
4	Value of composite work	:					
5	Break up details of cost components/ subheads of composite work						
	(a) Civil Work	:					
	(b) PH Work	:					
	(c) Electrical Work	:					
	(d) Any other component (pl. Specify)	:					
	Total	:					
6	Date of Commencement of work						
7	Date of Completion as per W.O.	:					
8	Actual date of completion	:					

9	Whether Extension of Time of Contract was availed?	:						
	If yes							
	(a) With levy of compensation	:						
	(b) Without levy of compensation	:						
10	Details of client & Full Postal Address contact details	:						
	(a) Name of client							
	(b) Full Postal Address with PIN code							
	(c) Telephone no.							
	(d) FAX No.							
	(e) e-mail							
	(f) Name of contact person							

**Note:**

(1) The above details in format – 2A is to be furnished by the Applicant along with copy of work order along with copy of work order and completion certificate issued by the client.

(2) If the details / number of works to be furnished by applicant are more, applicant can submit the details in the specified formats separately enclosing with PQ bid. However, this fact should be mentioned in the above blank format.

(3) Bidder should furnish all the similar works completed for the the last 07 years in this format. The list of similar works mentioned under this format will only be considered for technical evaluation and list mentioned in any other format will not be considered.

(Signature of the bidder with stamp)

## FORMAT -2B (To be filled-up by applicant)

**List of Similar Electrical works executed by main bidder or by Electrical sub-contractor proposed to be engaged by main bidder completed in the last 07 years ( incl. the current year in which the PQ application is invited)**

Name of main bidder/ sub-contractor: \_\_\_\_\_

Sl. No.	Description		Details of works					
			Work No.1	Work No.2	Work No.3	Work No. 4	Work No. 5	Work No. 6
1	Name of work	:						
2	Nature of work	:						
3	Work Order/ agreement Number							
4	Whether work work executed is part of composite work or separate work?	:						
5	The vauue of composite work , if work executed is part of composite work	:						
6	Value of Electrical work							
7	Date of Commencement of work							
8	Date of Completion as per W.O.	:						
9	Actual date of completion	:						
10	Whether Extension of Time of Contract was availed?	:						
	If yes							
	(a) With levy of compensation	:						



	(b) Without levy of compensation	:						
11	Details of client & Full Postal Address contact details	:						
	(a) Name of client							
	(b) Full Postal Address with PIN code							
	(c) Telephone no.							
	(d) FAX No.							
	(e) e-mail							
	(f) Name of contact person							

**Note:**

(1) The above details in format – 2B is to be furnished by the Applicant along with copy of work order along with copy of work order and completion certificate issued by the client.

(2) If the details / number of works to be furnished by applicant are more, applicant can submit the details in the specified formats separately enclosing with PQ bid. However, this fact should be mentioned in the above blank format.

(3) Bidder should furnish all the similar works completed for the last 07 years in this format. The list of similar works mentioned under this format will only be considered for technical evaluation and list mentioned in any other format will not be considered.

(Signature of the bidder with stamp)

## **FORMAT -2C (To be filled-up by applicant)**

**List of Similar Air conditioning works executed by main bidder or by Air conditioning sub-contractor proposed to be engaged by main bidder completed in the last 07 years ( incl. the current year in which the PQ application is invited)**

Name of main bidder/ sub-ontractor: \_\_\_\_\_

Sl. No.	Description		Details of works					
			Work No.1	Work No.2	Work No.3	Work No. 4	Work No. 5	Work No. 6
1	Name of work	:						
2	Nature of work	:						
3	Work Order/ agreement Number							
4	Whether work executed is part of composite work or separate work?	:						
5	The value of composite work, if work executed is part of composite work	:						
6	Value of Air conditioning work							
7	Date of Commencement of work							
8	Date of Completion as per W.O.	:						
9	Actual date of completion	:						
10	Whether Extension of Time of Contract was availed?	:						
	If yes							
	(a) With levy of compensation	:						

	(b) Without levy of compensation	:						
11	Details of client & Full Postal Address contact details	:						
	(a) Name of client							
	(b) Full Postal Address with PIN code							
	(c) Telephone no.							
	(d) FAX No.							
	(e) e-mail							
	(f) Name of contact person							

- Note:**
- (1) The above details in format – 2C is to be furnished by the Applicant along with copy of work order along with copy of work order and completion certificate issued by the client.
  - (2) If the details / number of works to be furnished by applicant are more, applicant can submit the details in the specified formats separately enclosing with PQ bid. However, this fact should be mentioned in the above blank format.
  - (3) Bidder should furnish all the similar works completed for the last 07 years in this format. The list of similar works mentioned under this format will only be considered for technical evaluation and list mentioned in any other format will not be considered.

(Signature of the bidder with stamp)

# FORM -'A'

(THIS DOES NOT FORM PART OF EVALUATION PROCESS BUT MEANT FOR READY REFERENCE ONLY)

## STRUCTURE & ORGANISATION DETAILS OF APPLICANT/MAIN BIDDER

Name of work: Construction of Technical facility Building and other infrastructure works for Antenna station at Pallayamkottai—(Composite contract consisting of Civil & PH works, Electrical, Air-conditioning & Mechanical and other Allied works).

PQ Notice No. NRSC /CMG/T/2472/PQ/01/2018-19 dated 24.01.2019

Sl No.	Attributes	Details to be filled by contactor
1	<b>Name of the Organisation:</b>	
2	<b>Address of the organisation:</b>  <b><u>(i) Regd Office</u></b>  Phone nos: Fax nos: E-Mail:  <b><u>(ii) Branch Office</u></b> Phone nos: Fax nos: E-Mail:	
3	<b>Company/ firm incorporation registration No &amp; Date:</b>	
4	<b>Name &amp; Particulars of the authorised representative for the details furnished hereinafter:</b>	
5	<b>(i) Type of the Organisation (please tick the correct one)</b>	
	a) Public Limited Company	
	b) Private limited company	
	c) Partnership Company	
	d) Owned by Individual (Proprietary)	
	<b>Note:</b> Particulars of Proprietor / Partners / Directors: (Attested copy of Deeds or Memorandum of Association to be enclosed)  <b>(ii) Year of establishment of company/ firm</b>	

**Note:** The above details shall be furnished for the main bidders and sub-contractors proposed to be engaged by the main bidder for execution of this work.

Signature of the tenderer with stamp

## **FORM -'B'**

(THIS DOES NOT FORM PART OF EVALUATION PROCESS BUT MEANT FOR READY REFERENCE ONLY)

### **FINANCIAL INFORMATION OF APPLICANT/MAIN BIDDER**

Name of work: Construction of Technical facility Building and other infrastructure works for Antenna station at Pallayamkottai—(Composite contract consisting of Civil & PH works, Electrical, Air-conditioning & Mechanical and other Allied works).

PQ Notice No. NRSC /CMG/T/2472/PQ/01/2018-19 dated 24.01.2019

<b>SI No</b>	<b>Attributes</b>	<b>Details to be filled by contactor</b>
<b>1</b>	<b>Other details (For Main bidder and each one of sub-contractors)</b>	
	Registration No. of following :	
	1) VAT ( sales Tax TIN )	
	2) GST Registration	
	3) P.F. Registration Certificates (EPFO)	
	4) Income Tax PAN	
	5) Employees Insurance Scheme (ESIC)	
	<b>(Note:</b> Copies of above registration to be enclosed)	
<b>2</b>	<b>Solvency Certificates issued by Bank (copy of certificates to be attached) (For Main bidder)</b>	
	<b><u>Certificate-1</u></b>	
	i) Name of bank	
	ii) Value	
	iii) Issue date	
	iv) Valid upto	
	<b><u>Certificate-2 (if any)</u></b>	
	i) Name of bank	
	ii) Value	
	iii) Issue date	
	iv) Valid upto	

3	<b>i) Average Annual turn over for the past 3 Years (For Main bidder)</b>	<b>Amount Rs. in lakhs</b>	
		<b>Year</b>	
		2015-2016	
		2016-2017	
		2017-2018	
		<b>Average</b>	
	<b>ii) Avg. profit after taxes (For Main bidder)</b>	<b>Amount Rs. in lakhs</b>	<b>As % of turnover</b>
	<b>Year</b>		
	2013-2014		
	2014-2015		
	2015-2016		
	2016-2017		
	2017-2018		
	<b>Average</b>		
	<b>Note:</b> Copies of Balance Sheet/Profit & Loss Account for last five years duly certified by Chartered Accountant, as submitted by Applicant to Income Tax Department, TDS to be attached.		
4	<p><b>Bidding capacity (The bidding capacity shall be worked out and declared by the bidder and enclosed with the request for PQ document based on the formula: <math>(A \times N \times 2) - B</math> (For Main bidder)</b></p> <p><b>A</b> - Maximum value of work executed in one year during last 5 years at current price level taking into account the work completed as well as work in progress.</p> <p><b>B</b> - Value of existing commitments and ongoing work to be completed during the next 'N' years at current price level.</p> <p><b>N</b> - Number of years prescribed for completion of the subject contract for which bids are invited</p>		
10	Whether your company/firm have been issued ISO certification? If yes, copy of certificate to be enclosed. (For Main bidder and each one of sub-contractors)	Yes / No	

Signature of the tenderer with stamp

# **FORM -'C'**

## **PROFORMA FOR SUBMISSION OF DETAILS OF LITIGATION HISTORY**

- (i) Name of Applicant :-
- (ii) Type of business entity :- Individual / Partnership Firm / Proprietary Firm / Pvt. Ltd. Company / Public Ltd. Co. / Others (Please specify)
- (iii) Full address of registered office :-
- (iv) Whether the Company/Firm / Individual was known by any other name in past? Give full details :-
- (v) Give details of major changes in the partners / management of business entity during last 07 years.
- (vi) Civil works / buildings / construction works executed / completed during last 07 years
- |  | <b>Total no. of works executed or completed</b> | <b>* No. of works in which Litigation was required to settle the difference</b> |
|--|---|---|
| (a) Costing less than ₹ 10.00 Crores                         |   |   |
| (b) Costing above ₹ 10.00 Crores but less than ₹ 100 crores. |   |   |
| (c) Costing above ₹ 100 Crores but less than ₹ 1000 crores.  |   |   |
| (d) Above ₹ 1000 Crores.                                     |   |   |

\* Litigation shall mean a reference by any of the parties to contract to any internal dispute settlement mechanism of the client or to a person in authority or a third party reference or reference to an arbitrator or any other legal fora including any court of law etc.

**In respect of each litigation, please give following details:**

Sr. No.	Name of the work / project and name & address of employer / client	Nature of work	Work Order No. & Date	Present stage of work	Value of Contract (Rs.)	Brief details of litigation **
1.	2.	3.	4.	5.	6.	7.

### **Declaration:**

The above information submitted is full & complete one in letter & spirit without suppressing or holding back any important aspects. Details furnished are true to the best of our knowledge and belief.

Signature of bidder

\_\_\_\_\_  
Name of the Authorised Signatory

Seal of the Company

**NOTE :**

- 1.** Information of Contracts involving composite works comprising civil works together with or without IPH, sewerage and water supply (Sanitary & Plumbing Works), Electrical, AC services only may be listed.
- 2.** Specific Information may be filled-up against each column of the Format. Please do not write remark "As indicated in Brochure" in any of columns above.
- 3.** Applicant shall submit brief information against each column. other relevant additional/elaborate information should be given separately in a supplementary sheet.

In respect of each litigation please give following details :

**\*\* Details of Litigation to be given:**

- (a)** Total number of claims / disputed items.
- (b)** Total amount of claims as originally referred for settlement by each party.
- (c)** Nature of claims / disputes:
  - (i)** Pertaining to extra / substituted / deviated items of work
  - (ii)** Pertaining to measurements or quantities of work executed.
  - (iii)** Pertaining to extension of time / levy of compensation for delay in completion.
  - (iv)** Pertaining to termination / rescinding of contract or contractor's inability to complete the work.
  - (v)** Pertaining to award of work / Issue of tender document / forfeiture of EMD / PG / SD or PQ related issues.
  - (vi)** Any other matter (furnish details)
- (d)** Number & amount of claims awarded to each party in first instance/ by trial court / arbitrator. Give Name & address of trial court / arbitrator
- (e)** Number & amount of claims awarded in appeals / appellate authority in subsequent references. Give name & address of appellate court / authority.



**Name of work: Construction of Technical facility Building and other infrastructure works for Antenna station at Palayamkottai—(Composite contract consisting of Civil & PH works, Electrical, Air-conditioning & Mechanical and other Allied works).**

**PQ Notice No. NRSC /CMG/T/2472/PQ/01/2018-19 dated 24.01.2019**

**INFORMATION & INSTRUCTION TO APPLICANTS FOR SUBMISSION**

1. Applicants can also refer the General Conditions of Contract available at office of *Group Head, Construction and Maintenance Group, National Remote Sensing Centre (NRSC), Balanagar, Hyderabad-500037 .Telangana State*, which is a base for execution of work after award of work. Soft copy of same is also available on ISRO/NRSC website in 'pdf' format at <http://www.isro.gov.in/tenders>.
2. The sealed & completed PQ bids are to be submitted in person/by post in the office of the Group Head CMG, National Remote Sensing Centre, Department of Space, Government of India, Balanagar, Hyderabad- 500 037, Telangana.
3. There may be some time required for completing security related formalities at the Main Gate. Bidders/ Applicants are advised to keep above aspect in mind while coming to NRSC/CMG for submission of their PQ bid/document. During the lunch break (12.30 to to 13.30 hours) entry of visitors inside NRSC Campus is restricted. Late and delayed PQ bids are not acceptable. For obtaining entry permission/ pass to visit office of Group Head CMG, applicants may contact on phone (040) 23884173/74/78/56.
4. For security reasons entry of private courier service operators inside NRSC is not permitted and they may have to deliver the dispatches at Main Gate of NRSC. This may result in delay for which Department will not be responsible. **In case the applicant wants to submit his / their offer by post it is advisable to send the same well in advance by Speed Post / Registered Post of the Department of Posts, Government of India so that the same is received in the office of Group Head, CMG/NRSC before 14.30 hrs on the stipulated last date of receipt. Please note that submission of PQ documents received AFTER the stipulated date & time will not be considered.**
5. In case the PQ documents are downloaded from website, tenderers should submit the requisite tender cost DD for Rs.1000/- along with PQ documents. PQ documents downloaded from website and submitted without requisite tender cost are liable to be rejected.

Signature of bidder

\_\_\_\_\_  
Name of the Authorised Signatory

Seal of the Company