

NHPC LIMITED
(A Govt. of India Enterprise)
CIN: L40101HR1975GOI032564

Corrigendum No.1

Name of the Work: Lot-II Package: Hydro-mechanical Works for All Gates and Pressure Shaft Liners for the implementation of the 240 MW Uri-I Stage-II H.E Project, located near Boniyar, Uri villages in the Baramulla District of UT of J&K, India.

Tender Id: 2025_NHPC_862315_1

Tender Specification No.: NH/CCW/CC-III /CO-398/PR-10625/35

Date of Corrigendum: 07.07.2025

| S. No. | Clause No. | Bid Condition | Amendment |
|--------|--|--|--|
| 1. | Notes under Clause 3.2.1- General experience & Clause 3.2.2 – Specific Experience | <p>1. Bidder should have executed one or more works of similar nature and magnitude covered under the tendered work package in a substantially completed /completed project during the preceding 20 years.</p> <p>2. The reference date for considering the period of 20 years shall be reckoned from the last day of month previous to the one in which Tender is invited.</p> <p>3. The work experience for Designing of Steel Liner for Pressure Shaft / Penstock and work experience for Fabrication/Manufacturing, erection, testing and commissioning of Steel Liner for Pressure Shaft / Penstock may be from different projects.</p> <p>4. The work experience for Designing of Fixed Wheel type Vertical Lift gate and work experience for Manufacturing, erection, testing and commissioning of Fixed Wheel Vertical Lift gate may be from different projects.</p> | <p>1. No Change</p> <p>2. No Change</p> <p>3. No change</p> <p>4. No Change.</p> |

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|--------|------------|--|--|
| | | <p>5. Substantial Completion is when the works are completed in a condition that it is capable of being occupied and used by Employer for the purpose for which it is intended. Substantial completion shall be based on 80 (eighty) per cent (value wise) or more works completed under the contract. Substantial completion should not be defined in terms of percentage completion, rather it should be based on functional consideration. For contracts under which the bidder participated as a joint venture member or sub-contractor, only the bidder's share, by value, shall be considered to meet this requirement.</p> <p>Certificate for 'substantial completion' of project/work/asset should contain two parts. Part -I shall contain 'financial value of work done' and part-II shall contain 'certificate of functional completion of project/work/asset'.</p> <p>6. The evaluation of a bidder's specific experience for a work executed on JV basis shall be based on his role and scope of work in such joint ventures. To establish his role and scope of work in such Joint Venture contracts, the bidder shall provide documentary evidence to the extent of experience claimed by him. In case the quantum of work as per, experience certificate does not match with the scope of work as defined in the JV agreement, then the experience credentials shall be considered as per the experience certificate issued by the employer / client.</p> <p>7. In case scope of work of individual partners is not clearly defined in the JV agreement then credential of Bidders being</p> | <p>5. Substantial Completion is when the works are completed in a condition that it is capable of being occupied and used by Employer for the purpose for which it is intended. Substantial completion shall be based on 80 (eighty) per cent (value wise) or more works completed under the contract. Substantial completion should not be defined in terms of percentage completion, rather it should be based on functional consideration. For contracts under which the bidder participated as a joint venture member or sub-contractor, only the bidder's share, by value, shall be considered to meet this requirement.</p> <p>Certificate for 'substantial completion' of project/work/asset should contain two parts. Part -I shall contain 'financial value of work done' and part-II shall contain 'certificate of functional completion of project/work/asset'.</p> <p>6. No Change</p> <p>7. No Change</p> |

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| | | <p>partner in a JV shall be decided in the following manner:</p> <p>a) Where Specific experience certificate in respect of individual JV partners is available, the same shall be considered to the extent of work executed by such JV partner.</p> <p>b) Where Specific experience certificate is not available, or experience certificate is issued in the name of JV, the evaluation shall be done in the following manner: -</p> <p>i) In case the participation / profit sharing percentage of Bidders as per JV agreement is at least 35%, full credit of the work executed by the JV shall be given to such Bidders.</p> <p>ii) In case the participation / profit sharing percentage of Bidder in JV agreement is less than 35%, no credit of work executed under such JV shall be given to such Bidder.</p> <p>iii) Notwithstanding (i) and (ii) above, in case of availability of Specific experience certificate, (a) above shall apply.</p> <p>In case both participation share and profit sharing ratio are available in the JV Agreement, participation share shall prevail.</p> <p>8. For the portion of work executed through a sub-contractor, full experience for that portion of work can be claimed by the Contractor as well as sub-contractor for fulfilling criteria for evaluation of bidder's specific experience.</p> | <p>8. No Change.</p> |

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| | | <p>9. Experience of Supervision of erection testing and commission of bidder shall also be considered at par with own erection, testing & commissioning of HM equipment.</p> <p>10. In support of above at 3.2.2(i) & 3.2.2(ii), the bidder should provide copy of Performance / successful operation certificate for at least 2 years from the date of commissioning issued by Purchaser/ Owner of the equipment.</p> | <p>9. No Change.</p> <p>10. No Change.</p> |
| 2. | Clause 3.2.3 (i) of NIT Financial Capacity | Turnover: The bidder should have average annual turnover of INR 34 Crores for the immediately preceding two consecutive financial years. | Turnover: The bidder should have average annual turnover of INR 29 Crores (excluding GST) for the immediately preceding two consecutive financial years. |
| 3. | Annexure-E (i) to GCC | Amendment to IE OM dated 27.09.2021 issued by Ministry of Power (MoP). | OM No. 15-18/1/2020-HYDEL-II (MoP) Dated 16.06.2025 issued by MoP is added as Annexure-E (i) of GCC. (Attached as Annexure-I to this Corrigendum). |
| 4. | Volume:3A (GTS) Clause 2.3(H) of GTS | Clause 2.3(H) : APPROVED MAKES OF BOUGHTOUT ITEMS | Deleted. |
| 5. | Volume 3D: MQAP | Model Quality Assurance Plan (MQAP) | Special Instructions are added before the MQAP (attached as Annexure-II to this Corrigendum). |
| 6. | Attachment-5 to Bid-form | <p>Attachment 5A : List Of Approved Subcontractors/Vendors</p> <p>Attachment 5B : Names of 'Proposed Subcontractors/Vendors' proposed by the Bidder</p> | Revised Attachment-5 is attached as Annexure-III to this corrigendum. |

All other terms & conditions of the tender document shall remain unchanged.

General Manager (CC-III)
Contracts Civil Division
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Phone: 0129-2588720

No. 15-18/1/2020-HYDEL-II (MoP)
Government of India
Ministry of Power

Shram Shakti Bhawan, Rafi Marg,
New Delhi, Dated 16th June, 2025

OFFICE MEMORANDUM

Subject: Model Contract Provision for "Dispute Avoidance Mechanism" through 'Independent Engineer' (IE) in the Construction Contracts of CPSEs executing Hydro Power Projects - Amendments reg

Ministry of Power vide OM of Even No. dated 27.09.2021 had introduced the Model Contract Provision for "Dispute Avoidance Mechanism" through "Independent Engineer" (IE) in the Construction Contracts of CPSEs executing Hydro Power Projects to address and resolve disputes between Hydro CPSEs and contractors at the inception stage of the project, thereby preventing escalation and ensuring smooth progress of the projects.

2. After consultations with CEA and CPSEs, following amendments are made in OM of even No. dated 27.09.2021:

A) Para No 6 (a) and (b) regarding 'Terms and Conditions for Payments to Independent Engineer' may be read as under :

6 (a): Retainership Fee : A retainer fee of Rs.100,000 per month has been fixed for FY 2025-26 for 'Independent Engineer' and shall be considered as payment in full for :

- i. being available on a notice of 2 weeks for all site visits and hearings;
- ii. becoming and remaining conversant with all the project developments and maintaining relevant files;
- iii. compensating all office and overhead expenses including secretarial services, photocopying and office supplies incurred in connection with his duties; and

The retainer fee of Experts, shall be increased annually by 10%. IE shall be eligible for maximum two retainer ship fee i.e he can be engaged in maximum two CPSEs (CPSE shall include its JV/subsidiaries also). Further, IE can be engaged in maximum 02 contracts /packages in each CPSE .

Retainership shall be for such duration as may be mutually decided by the owner and Contractor but shall not , in any case , extend beyond 3 months after the completion of works as per the contract . The retainership fee shall be shared by the CPSE and the Contractor (s) equally but shall initially be paid to the IE by the concerned CPSE.

6.(b): Site visit fee : The FY 21-22 may be read as FY 2025-26.

B). The following new Para-8 is added

"The existing panel of 19 IEs as per the OM dated November 29, 2021, will be withdrawn once the new panel is finalized. However, IEs already engaged by the CPSEs would continue as per Terms & Conditions given in OM of even no dated 29.11.2021 of MoP. CPSE would engage subsequent IE from the fresh empanelment list only"

C). Para 8 may be read as Para 9.

D). Para-2 is added in Annexure-1 of OM of even no. dated 27.09.2021 regarding eligibility criteria for appointment of expert of independent engineer hydro Power contracts as under :

" 2- Maximum age limit shall be 65 years to apply and 70 years to work as 'Independent Engineer' (IE)"

This issues with the approval of the Hon'ble Minister of Power


16/06/25
(Santosh Kumar)

Director

hydro2-mop@gov.in

To

1. The Chairperson Central Electricity Authority, New Delhi.
2. All Members Central Electricity Authority, New Delhi
3. CMDs - NHPC Ltd, SIVN Ltd, THDC (I) Ltd, NEEPCO Ltd and NTPC Ltd.
4. Chairman BBMB.

Copy to:

1. PS to HMoP
2. PS to HMoS for Power
3. Sr. PPS to Secretary (Power) / Sr. PPS to AS(Hydro)/PPS to AS (R&R/Trans) , PPS to JS(Hydro)
4. All Joint Secretaries / equivalent level Officers of Ministry of Power
5. All Directors / Deputy Secretaries of Ministry of Power

Copy also to:

In-charge. NIC Cell, MoP with request to publish the OM on the website of Ministry of Power.


16/06/25
(Santosh Kumar)

Director

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MODEL QUALITY ASSURANCE PLAN (MQAP) FOR ALL HM EQUIPMENT

Special instructions: -

1. The Model Quality Assurance Plan for equipment/components for each section are indicative only. Contractor/Manufacturer shall be at liberty to update the enclosed Model QAP for final approval of Employer after detailed engineering based on the latest manufacturing practices/amendments in the National/ International relevant standards in line with Model QAP.
2. Contractors/Manufacturers/Sub-suppliers are required to use properly calibrated instruments /equipment during testing/inspection, for which necessary calibration certificates are required to be provided/presented to the Inspecting Officer.
3. Contractors/Manufacturers/Sub-suppliers has to make on their own all arrangements for testing facilities at their works for testing of equipment/materials. The materials/equipment/items shall only be dispatched after issue of Material Dispatch Clearance Certificate (MDCC).
4. One set of complete test certificates as per the requirement of QAP be made available to the Inspecting Officer at the time of inspection/testing.
5. All the records, as per the requirement of QAP are to be made available for review by the Inspecting Officer during inspection.
6. Inspections and tests shall be carried out by the Contractor in accordance with the Employer-approved Quality Assurance Plan (QAP), adhering to the Technical Specifications at various stages of manufacturing. Tests falling under the Customer Hold Point (CHP) category may be witnessed either physically or through video conferencing. The Employer reserves the right to witness these tests through either mode at the premises of the manufacturer or sub-vendor. CHP tests shall be conducted exclusively at Employer-approved vendor/sub-vendor/supplier premises, as specified in the Employer-approved documents.
7. Field tests are to be carried out as per the requirements of the contract / purchase order.

Note: This Page supersedes all the covering pages of Model QAP for individual HM components.

ANNEXURE-III to Corrigendum No.1

ATTACHMENT-5

LIST OF APPROVED SUB-CONTRACTORS / VENDORS

The following sub-contractors/ sub-vendors are approved for carrying out the supply/ work of items of the facilities indicated. Where more than one sub-contractor/ sub-vendor is listed, the Contractor is free to choose between them.

Bidders can also suggest alternate names for inclusion into the list fulfilling the specific qualification criteria listed against those items. Bidder is also required to certify regarding financial soundness, technical capability of proposed subcontractors / sub-vendors.

| Sl. No. | Item of Facilities | <u>(A)</u> Approved List of Subcontractors / Vendors | <u>(B)</u> Specific Qualification Criteria |
|----------------|----------------------------|--|---|
| 1 | Spherical / Roller bearing | SKF FAG NTN GGB INA ZKL Timken | (i) Should have experience in manufacture of similar products for preceding ten years (minimum). (ii) List of projects where the vendor's product has been used in similar application. Certificate indicating satisfactory performance needs to be submitted from at least five clients. (iii) Documentary proof regarding Bearing being manufactured and tested as per relevant ISO/ ASTM/ DIN/BS/ any other equivalent international standard. (iv) Bearings being supplied should fall under the vendors regular manufacturing range and should be supported with product catalogue etc. |
| 2 | Hydraulic Power Packs | Rexroth Yuken Danfoss Suvera VHT Montan Parker | 1) Must have supplied Power Pack capable to operate the hydraulic cylinder of capacity > 100 MT for dam gates. 2) Should have experience in manufacture of similar products for preceding five years. 3) List of projects where the vendor's product has been used in similar application. Certificate indicating satisfactory performance for last two years from at least two clients in preceding ten years. 4) Certification regarding hydraulic power pack being manufactured and tested as per relevant ISO/ASTM/DIN/BS/any other equivalent international standard. |

| | | | |
|----|---|--|---|
| 3 | Gasoline Engine for portable Power Pack | Kohler Honda Yamaha Vanguard | 1) Should have experience in manufacture of similar products for preceding five years (minimum). 2) List of projects where the vendor's product has been used in similar application. Certificate indicating satisfactory performance needs to be submitted from at least two clients. 3) Certificate regarding use of all sub-components adhering to ISO/ ASTM/ DIN/BS/ any other equivalent international standard. |
| 4 | Rubber seals | Asian engineering products/ D. Wren and Co./ Universal moulders & Engineering/ Indian Rubber Products/ Lion Rubber | (Qualification criteria from for Sl. Nos. 4 - 23) 1) Must have supplied the product/ item for similar application. 2) Documentary proof regarding product being manufactured and tested as per relevant BIS/ ISO/ ASTM/ DIN/ BS/ any other equivalent international standard. 3) Product being supplied should fall under the vendors regular manufacturing range and should be supported with manufacture product catalogue. 4) Should have experience in manufacture of similar products for preceding five years. 5) List of projects where the vendor's product has been used in similar application. Certificate indicating satisfactory performance needs to be submitted from at least two clients in preceding ten years. |
| 5 | Wire Rope | Usha Martin/ Bharat Wire ropes/ Asahi/ Fort William | |
| 6 | Electric Motor / Motor (Geared) | Kirloskar/ Crompton/ GEC/ ABB/ NGEF/ Bharat Bijlee/ Marathon Electric/ Bonfiglioli/ Radicon | |
| 7 | Gear Box | New Allenberry Works/ Elecon/ Premium/ Shanthi/ Allroyd | |
| 8 | Plummer Blocks | SKF/ FAG/ KOYO/ INA/ Timken | |
| 9 | Antifriction Bearings | SKF/ FAG/ INA/ NTN/ GGB/ ZKL/ Timken | |
| 10 | Paint | Berger/ Asian/ Shalimar /Dulux/ Nerolac/ Birla Opus | |
| 11 | Welding electrodes | ESAB/ D&H/ ADOR/ GEE/ Voestalpine. | |
| 12 | Couplings | Mark-AEC / Lovejoy / Meco /NAW/ Timken/ Flexocon | |
| 13 | Power and Control Cables | Havells/ Polycab/ Finolex/ Universal/ Torrent/ KEI/ CCI/ INCAB/ NICCO/ KEC | |

| | | |
|----|---|--|
| 14 | Brakes | Electromag/ Pethe/ Sterling-O-Control/ BCH/ Crane Control Equipment's/ Speed- O-Control Pvt. Ltd./ Strom Kraft/ AEC |
| 15 | Load cell | Adiartech/ Monad Electronics/ Rudra |
| 16 | Chain & Sprocket | Roll Kobo/ SKF/ Diamond |
| 17 | Grease/ Lubricant/ Silicon base | IOCL/ BPCL/ HPCL/ Castrol/ Gulf |
| 18 | Limit Switches | BCH / Honeywell/ Siemens/ Schneilder/ Omron/ Telemecanique |
| 19 | Self-lubricating bush of lower than 300mm dia. (other than bushes for trunnion of radial gate) | Lubrite/ Devaglide/ INA/ AVI Oiles/ Tenmat/ GGB/ OILES/ Thordon/ Timken |
| 20 | Self-priming/ positive displacement axial piston type pump (bent axis) | Rexroth/ Hydac/ Danfoss/ Polyhydron/ Yuken/ Parker |
| 21 | Flow Control Valves | Rexroth/ Danfoss/ Parker/ Polyhydron/ Yuken |
| 22 | Hydraulic Motor | Poclain/ Rexroth/ Häggglunds/ Hydra/ Yuken/ Parker/ Danfoss |
| 23 | VVVF Drive and Control | L&T/ ABB/ Yokogawa/ Siemens/ Schneider/ Fuji/ Mitsubishi/ Yaskawa |

Note:

1. For above mentioned experience, the date shall be reckoned from the last day of the month in which bid is invited.
2. Hydraulic Motor and Hydraulic Power Pack should be preferably sourced from same vendor.
3. Substitution request with Alternative/ Equivalent makes can be considered for valid reasons on submission of credentials and satisfactory performance certificates from clients, but without any financial implication and shall be subject to approval of Engineer in charge.
4. Vendor/ Sub-Contractor need to invariably comply with detailed technical specification covered in GTS and PTS.

5. Name of the foreign brand, foreign sub contractor/ vendor appearing against any item in Attachment-5 - List of approved subcontractor/ vendor (except who are eligible under the "Make in India Policy" stands deleted.