एन एच पी सी लिमिटेड
(भारत सरकार का एक नवरत्न उद्यम)
NHPC Limited
(A Government of India Navratna Enterprise)
CIN: L40101HR1975GOI032564

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Date: 05-01-2026

Corrigendum-03

Name of Work: **"Selection of Firms for issuance of No Objection Certificate (NOC) for Removal of Deposited Sediments from the Reservoir of Salal Power Station"**NHPC Limited, District- Reasi, UT of J&K

Tender ID**.: 2025_NHPC_880244_1, Date: 07-10-2025**

The proposed modification are as under:

EOI Clause	Description	Modified
1. Background and Project Overview:	Salal Power Station (6 x 115 MW = 690 MW) is located at Dhyangarh in Reasi District of Jammu & Kashmir. Salal Power Station is a run-of-the-river scheme to harnesses the hydropower potential of the Chenab River existing on the downstream of Baglihar Project. Salal Power Station comprises of two dams, a 118 m high Rock Fill Dam and a 113 m high Concrete Dam separated by the Dhyangarh ridge, forming a reservoir on the upstream. The capacity of the spillway is 22427 Cumec. The spillway has been provided with 12 radial gates of size 15.24 m X 9.32 m with the crest level at EL 478.68 M. The first stage was commissioned in 1987, and the second in 1995.	Salal Power Station (6 x 115 MW = 690 MW) is located at Dhyangarh in Reasi District of Jammu & Kashmir. Salal Power Station is a run-of-the-river scheme to harnesses the hydropower potential of the Chenab River existing on the downstream of Baglihar Project. Salal Power Station comprises of two dams, a 118 m high Rock Fill Dam and a 113 m high Concrete Dam separated by the Dhyangarh ridge, forming a reservoir on the upstream. The capacity of the spillway is 22427 Cumec. The spillway has been provided with 12 radial gates of size 15.24 m X 9.32 m with the crest level at EL 478.68 M. The first stage was commissioned in 1987, and the second in 1995.

EOI Clause	Description	Modified
	The gross storage capacity of Salal reservoir was 284.08 MCM at FPL (EL 487.68 m) at the time of the Project's commissioning (1987). Current Reservoir Capacity is 13.95 MCM at FPL (2024 Survey) due to sedimentation in reservoir. The original reservoir capacity has significantly reduced due to sediment deposition. The significance of the Salal Power Station stems from its pivotal role in generating electricity through a run-of-the-river system. The gross storage capacity has been reduced to about 5% of its original due to severe sediment deposition. It has been proposed to restore the effective storage capacity by removal of deposited sediments from the reservoir thereby substantially enhancing the operational efficiency, and overall longevity of the Salal Power Station. The work is to taken up in Salal Dam Reservoir from RD: 3.00 KM to 22.50 KM upstream of Dam axis. The entire reservoir falls within Reasi District of J&K. To facilitate execution of the work, the work area has been divided into three segments (Segment-I from RD: 3.00 KM to RD: 10.50	The gross storage capacity of Salal reservoir was 284.08 MCM at FPL (EL 487.68 m) at the time of the Project's commissioning (1987). Current Reservoir Capacity is 13.95 MCM at FPL (2024 Survey) due to sedimentation in reservoir. The original reservoir capacity has significantly reduced due to sediment deposition. The significance of the Salal Power Station stems from its pivotal role in generating electricity through a run-of-the-river system. The gross storage capacity has been reduced to about 5% of its original due to severe sediment deposition. It has been proposed to restore the effective storage capacity by removal of deposited sediments from the reservoir thereby substantially enhancing the operational efficiency, and overall longevity of the Salal Power Station. The work is to taken up in Salal Dam Reservoir from RD: 02.00 KM to 10.50 KM upstream of Dam axis. The entire reservoir falls within Reasi District of J&K.

EOI Clause	Description	Modified
	KM, Segment-II from RD 10.50 KM to RD: 15.50 KM and Segment-III from RD 15.50 KM to RD 22.50 KM).	
3.2.A-III---(iv) Evaluation Criteria:	Top five (05) firms / companies based on combined scores shall be selected for issue of NOC for the work. The selection of firms shall be subject to minimum score of 50 marks. However, NHPC reserves the right to issue NOC to more firms as per availability of area	Maximum five (05) firms / companies based on combined scores shall be selected for issue of NOC for the work. The selection of firms shall be subject to minimum score of 50 marks. However, NHPC reserves the right to issue NOC to more firms as per availability of area
Annexure-1- SCOPE OF WORK	The primary objective of this project is to implement a comprehensive sedimentation management aimed at mitigating the adverse impacts of accumulated sediments on the critical underwater components of turbines, the water conductor system, and other appurtenant structures of the Salal Power Station. The proposed intervention involves the removal of deposited sediments above the original river bed (before dam construction) from present river bed level down up to EL 462 meters. The removal of sediment up to this level aims to significantly restore the reservoir's capacity by an approximately 139 MCM, thereby substantially enhancing the operational efficiency and overall longevity of the Salal Power Station.	The primary objective of this project is to implement a comprehensive sedimentation management aimed at mitigating the adverse impacts of accumulated sediments on the critical underwater components of turbines, the water conductor system, and other appurtenant structures of the Salal Power Station. The proposed intervention involves the removal of deposited sediments above the original river bed (before dam construction) from present river bed level down up to EL 462 meters from RD 2.00 KM to RD 10.50 KM upstream of Dam Axis. The removal of sediment up to this level aims to significantly restore the reservoir's capacity by an approximately 107 MCM, thereby substantially enhancing the operational efficiency and overall longevity of the Salal Power Station.

EOI Clause	Description	Modified
	Given the dynamic nature of the Chenab River, characterized by high river discharge with large quantity of sediments, especially during the monsoon season (June to September), a well-planned and adaptable sediment removal management is absolutely essential. It must incorporate effective flushing operations and consider the varying characteristics of sediments deposited across the reservoir. Recognizing that coarser sediments typically settles in the upstream reaches of the reservoir, while finer materials tend to accumulate closer to the dam, it is envisioned that the reservoir can be strategically divided into different segments **(Segment-I RD 3.00 KM to 10.50 KM, Segment-II RD 10.50 KM to RD 15.50 KM & Segment- III RD 15.50 KM to RD 22.50 KM)**. This segmental approach will facilitate the execution of sediment removal operations in a more structured, efficient, and targeted manner. Such an approach enables the application of tailored sediment removal techniques within each segment, taking into account crucial factors such as the specific type and distribution of deposited material, site accessibility limitations, operational feasibility,	Given the dynamic nature of the Chenab River, characterized by high river discharge with large quantity of sediments, especially during the monsoon season (June to September), a well-planned and adaptable sediment removal management is absolutely essential. It must incorporate effective flushing operations and consider the varying characteristics of sediments deposited across the reservoir. It is crucial to acknowledge that the exact nature, quantity and spatial distribution of the deposited sediments are not fully known at this stage. Therefore, the selected firm will be responsible for conducting detailed site investigations, including comprehensive bathymetric and topographic surveys, geotechnical investigations to ascertain about characteristics of the deposited sediment. The broad scope of work includes, but is not limited to the following key activities: • **Sediment Removal and Disposal:** This involves the comprehensive removal and appropriate disposal of

EOI Clause	Description	Modified
	and safety considerations. It is crucial to acknowledge that the exact nature, quantity and spatial distribution of the deposited sediments are not fully known at this stage. Therefore, the selected firm will be responsible for conducting detailed site investigations, including comprehensive bathymetric and topographic surveys, geotechnical investigations to ascertain about characteristics of the deposited sediment. The broad scope of work includes, but is not limited to the following key activities: • **Sediment Removal and Disposal:** This involves the comprehensive removal and appropriate disposal of various types of sediments, including silt, sand, clay, pebbles, cobbles, and boulders etc. The critical aspect of this component is the identification and allocation of suitable disposal areas. The firm will be solely responsible for obtaining all requisite permissions for disposal from the concerned agencies / departments	various types of sediments, including silt, sand, clay, pebbles, cobbles, and boulders etc. The critical aspect of this component is the identification and allocation of suitable disposal areas. The firm will be solely responsible for obtaining all requisite permissions for disposal from the concerned agencies / departments of both the State (Jammu & Kashmir – UT) Government and the Central Government (if required) including all statutory compliances. Any associated fees or charges applicable for these permissions and disposal will be entirely borne by the firm. Furthermore, upon the successful completion of the work, the restoration of the disposal and working sites to their original or improved condition will fall within the scope of the Firm. • **Disposal Logistics and Site Management:** This entails the meticulous site identification and allocation for the positioning of all necessary equipment and machinery. It also includes securing the necessary permissions for their parking and movement within and along the designated work areas. Similar to

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	of both the State (Jammu & Kashmir – UT) Government and the Central Government (if required) including all statutory compliances. Any associated fees or charges applicable for these permissions and disposal will be entirely borne by the firm. Furthermore, upon the successful completion of the work, the restoration of the disposal and working sites to their original or improved condition will fall within the scope of the Firm. • **Disposal Logistics and Site Management:** This entails the meticulous site identification and allocation for the positioning of all necessary equipment and machinery. It also includes securing the necessary permissions for their parking and movement within and along the designated work areas. Similar to sediment disposal sites, the post-completion site restoration of these equipment / machinery parking and movement areas shall be the responsibility of the Firm.	sediment disposal sites, the post-completion site restoration of these equipment / machinery parking and movement areas shall be the responsibility of the Firm. 1) **Accurate Measurement and Verification:** To ensure transparency and accurate quantification of work completed, periodic surveys are mandatory. This includes topographic, hydrographic, and bathymetric surveys, as well as measurements using velocity / flow meters and density meters to accurately assess the dredging quantity. A standardized and validated measurement methodology will be jointly finalized to establish the precise volume of solid sediment removed. For measurement purpose, the quantity of sediment disposed shall be informed to NHPC by the firm through the assessment recorded by the concerned Department of Government of UT of J&K. • **Safety Protocols and Risk Management:** The Firm shall comply the NHPC Safety Policy and Guidelines

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	1) **Accurate Measurement and Verification:** To ensure transparency and accurate quantification of work completed, periodic surveys are mandatory. This includes topographic, hydrographic, and bathymetric surveys, as well as measurements using velocity / flow meters and density meters to accurately assess the dredging quantity. A standardized and validated measurement methodology will be jointly finalized to establish the precise volume of solid sediment removed. For measurement purpose, the quantity of sediment disposed shall be informed to NHPC by the firm through the assessment recorded by the concerned Department of Government of UT of J&K. • **Safety Protocols and Risk Management:** The Firm shall comply the NHPC Safety Policy and Guidelines provided in the Safety Manual available on the NHPC Website (www.nhpcindia.com). Ensuring stringent safety protocols is essential, especially when working near critical dam components and reservoir	provided in the Safety Manual available on the NHPC Website (www.nhpcindia.com). Ensuring stringent safety protocols is essential, especially when working near critical dam components and reservoir boundaries. The Firm will ensure reservoir rim safety and stability. The scope of work shall include the following: 2) In the segment from RD 02.00 KM to RD 10.50 KM upstream of Dam Axis, an NOC has already been issued in favour of M/s Reach Dredging Limited. However, in this segment, additional NOC{Maximum number 5,however it will be decided by NHPC at the time of finalization of EOI } shall be issued to a different firm to expedite the sediment removal process.. 3) The validity of the NOC issued initially shall be for **05 (five) years** after obtaining requisite permission from concerned department/ authorities within **Three (03) months** in which each firm/s has to demonstrate

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	boundaries. The Firm will ensure reservoir rim safety and stability. The scope of work shall include the following: 2) In Segment-I i.e. RD 03.00 KM to RD 10.50 KM upstream of Dam Axis, an NOC has already been issued in favour of M/s Reach Dredging Limited. However, in this segment, additional NOC shall be issued to a different firm to expedite the sediment removal process. In this segment, the firm/s shall remove **minimum 10 MCM** of deposited sediment per year from the reservoir. 3) In Segment-II i.e. RD : 10.50 KM to RD 15.50 KM upstream of Dam Axis, the firm/s shall remove **minimum 3 MCM** of deposited sediment per year from the reservoir. 4) In Segment-III, i.e. RD : 15.50 KM to RD 22.50 KM upstream of Dam Axis, the firm shall remove **minimum 2 MCM** of deposited sediment from the	sediment removal as mentioned hereunder: i) 1st Year-2.00 MCM ii) 2nd Year-2.00 MCM iii) 3rd Year-7.00 MCM iv) 4th Year-10.00 MCM v) 5th Year-10.00 MCM Further, NOC shall be extendable based on performance & mutual agreement between NHPC & Firm. However, for enabling continuity of NOC during the said period, the firm/s needs to demonstrate annual sediment removal as above. 4) The firm shall arrange adequate number of suitable Machinery, Equipment, Manpower, Tools & Tackles like Cutter Suction Dredger (CSD), Long Boom Excavator, Hydro Suction Pumps, Pipelines, Cranes, Excavators, Dumpers etc. 5) The firm shall on its own establish site office/s, accommodation and arrange power supply and other

EOI Clause	Description	Modified
	reservoir per year. 5) The validity of the NOC issued initially shall be for **Two (02) years** after obtaining requisite permission from concerned department/ authorities within **Three (03) months** in which each firm/s has to demonstrate sediment removal as mentioned at Sl. No- 1 to 3 above. Further, NOC shall be extendable based on performance & mutual agreement between NHPC & Firm. However, for enabling continuity of NOC during the said period, the firm/s needs to demonstrate annual sediment removal of **minimum** 10 MCM in Segment-I, **minimum** 3 MCM in Segment-II and **minimum** 2 MCM in Segment-III respectively. 6) The firm shall arrange adequate number of suitable Machinery, Equipment, Manpower, Tools & Tackles like Cutter Suction Dredger (CSD), Long Boom	logistics required for execution of this work. 6) The firm shall obtain all requisite clearances / licenses required for this work from the mining department, revenue department, forest and environment department and all other concerned departments of UT of J&K and Central Government (if applicable) and shall submit copies of the same to the authorities of Salal Power Station. The firm shall obtain the requisite clearances / licenses within **Three (03) months** from issuance of NOC. 7) Before start of the work, the firm shall also get demarcated the area from where the sediment is to be removed/deposited from reservoir, in association with Salal Power Station and concerned authorities of UT of J&K. Salal Power Station shall provide available land record for this purpose. The firm shall get the demarcation works done within **Three (03) months** from issuance of NOC.

EOI Clause	Description	Modified
	Excavator, Hydro Suction Pumps, Pipelines, Cranes, Excavators, Dumpers etc. 7) The firm shall on its own establish site office/s, accommodation and arrange power supply and other logistics required for execution of this work. 8) The firm shall obtain all requisite clearances / licenses required for this work from the mining department, revenue department, forest and environment department and all other concerned departments of UT of J&K and Central Government (if applicable) and shall submit copies of the same to the authorities of Salal Power Station. The firm shall obtain the requisite clearances / licenses within **Three (03) months** from issuance of NOC. 9) Before start of the work, the firm shall also get demarcated the area from where the sediment is to be removed/deposited from reservoir, in association with Salal Power Station and concerned authorities of UT	8) The firm shall identify / develop temporary and final disposal sites for disposal of the sediment extracted from the reservoir. For this purpose, the firm shall also obtain requisite clearances / licences, required if any, from the concerned authorities. During re-handling / re-disposal of the sediment if any compliances such as payment of lease/rent/acquisition cost/ royalty / taxes / statutory obligations and related codal formalities arises, the firm shall be fully responsible for compliance of the same and any cost associated with this work shall also be borne by the firm. The firm shall complete the arrangement of disposal sites, both temporary and permanent, within **Three (03) months** from issuance of NOC. 9) As per requirement, the firm shall construct temporary bunds with suitable protection measures along the banks to ensure that the extracted solid sediment do not flow back into the reservoir. 10) The firm shall also develop approach/ haulage roads

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	of J&K. Salal Power Station shall provide available land record for this purpose. The firm shall get the demarcation works done within **Three (03) months** from issuance of NOC. 10) The firm shall identify / develop temporary and final disposal sites for disposal of the sediment extracted from the reservoir. For this purpose, the firm shall also obtain requisite clearances / licenses, required if any, from the concerned authorities. During re-handling / re-disposal of the sediment if any compliances such as payment of royalty / taxes / statutory obligations and related codal formalities arises, the firm shall be fully responsible for compliance of the same and any cost associated with this work shall also be borne by the firm. The firm shall complete the arrangement of disposal sites, both temporary and permanent, within **Three (03) months** from issuance of NOC. 11) As per requirement, the firm shall construct	up to the reservoir banks/dumping area , required if any, to access the reservoir/dumping area for the said work. For this purpose, the firm shall obtain all required licenses / permissions, required if any, from the concerned departments/authorities. The entire cost for development of approach / haulage roads shall be borne by the firm. 11) The firm shall arrange security of the extracted sediment against theft and any other losses. 12) For study purpose, the firm shall arrange topographic & bathymetric survey on quarterly basis to assess the quantum of sediment removed. The survey shall be carried out in association / presence of NHPC representatives. 13) For measurement purpose, the quantity of sediment disposed shall be informed to NHPC by the firm through the assessment recorded by the concerned Department of Government of UT of J&K.

EOI Clause	Description	Modified
	temporary bunds with suitable protection measures along the banks to ensure that the extracted solid sediment do not flow back into the reservoir. 12) The firm shall also develop approach roads upto the banks, required if any, to access the reservoir for the said work. For this purpose, the firm shall obtain all required licenses / permissions, required if any, from the concerned departments/authorities. 13) The firm shall arrange security of the extracted sediment against theft and any other losses. 14) For study purpose, the firm shall arrange topographic & bathymetric survey on quarterly basis to assess the quantum of sediment removed. The survey shall be carried out in association / presence of NHPC representatives. 15) For measurement purpose, the quantity of sediment disposed shall be informed to NHPC by the firm	

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	through the assessment recorded by the concerned Department of Government of UT of J&K.	
Annexure-2 TERMS & CONDITIONS	1. The firm shall be solely responsible for payment of royalty / taxes / statutory obligations and related codal formalities and NHPC Limited shall not be responsible for their non-payment / non-compliances and associated penalties, in any way. 2. The firm shall not damage / harm any permanent or temporary structure / component of Salal dam or its associated components and shall also ensure that there is no interruption to public communication and power generation on this account. Further, the firm shall provide suitable protection along the riverbank to ensure non-erosion of riverbanks as per guidelines of UT of J&K and Central Government. The firm shall also obtain demarcation of Land from concerned department between RD 3.00 KM to RD 22.50 KM (Segment-I RD 3.00 KM to 10.50 KM, Segment-II RD 10.50 KM to RD 15.50 KM & Segment- III RD 15.50 KM to RD 22.50 KM) towards upstream side of the dam (with reference to the dam axis)	1. The firm shall be solely responsible for payment of royalty / taxes / statutory obligations and related codal formalities and NHPC Limited shall not be responsible for their non-payment / non-compliances and associated penalties, in any way. 2. The firm shall not damage / harm any permanent or temporary structure / component of Salal dam or its associated components and shall also ensure that there is no interruption to public communication and power generation on this account. Further, the firm shall provide suitable protection along the riverbank to ensure non-erosion of riverbanks as per guidelines of UT of J&K and Central Government. The firm shall also obtain demarcation of Land from concerned department between RD 02.00 KM to RD 10.50 KM towards upstream side of the dam (with reference to the dam axis) for which NHPC shall provide available land records.

EOI Clause	Description	Modified
	for which NHPC shall provide available land records. 3. The firm shall ensure the safety and security of men and machinery at the site round the clock during reservoir operation as water level in the reservoir can vary/ increase or decrease any time (for power generation, excessive discharge release, flushing etc.). NHPC Limited shall not be responsible for the safety and security of men and machinery deployed by the firm at upstream of the reservoir. 4. The firm shall immediately remove its men and machinery from the site of work if asked by the officials of Salal Power Station. 5. The firm shall ensure that the sediment removal work in the dam reservoir area shall not, in any way, affect the power generation and reservoir operation. The firm shall ensure compliance of environmental safeguards as proposed in the National Framework for Sediment Management issued by the Ministry of Jal Shakti, Department of Water Resources, River Development and Ganga Rejuvenation {Reference MoEF&CC Notification S.O. 1224(E) dated 28.03.2020 and Office Memorandum	3. The firm shall ensure the safety and security of men and machinery at the site round the clock during reservoir operation as water level in the reservoir can vary/ increase or decrease any time (for power generation, excessive discharge release, flushing etc.). NHPC Limited shall not be responsible for the safety and security of men and machinery deployed by the firm at upstream of the reservoir. 4. The firm shall immediately remove its men and machinery from the site of work if asked by the officials of Salal Power Station. 5. The firm shall ensure that the sediment removal work in the dam reservoir area shall not, in any way, affect the power generation and reservoir operation. The firm shall ensure compliance of environmental safeguards as proposed in the National Framework for Sediment Management issued by the Ministry of Jal Shakti, Department of Water Resources, River Development and Ganga Rejuvenation {Reference MoEF&CC Notification S.O. 1224(E) dated 28.03.2020 and Office Memorandum dated 12.07.2023}. The firm

EOI Clause	Description	Modified
	dated 12.07.2023}. The firm must also follow the verdicts of Hon'ble Courts and National Green Tribunal.	must also follow the verdicts of Hon'ble Courts and National Green Tribunal.
	6. The firm shall not damage/ harm any of the public / NHPC Limited / State Government Road and Property along the reservoir rim. If any damages occur the firm shall restore the same at its own cost.	6. The firm shall not damage/ harm any of the public / NHPC Limited / State Government Road and Property along the reservoir rim. If any damages occur the firm shall restore the same at its own cost. In case the firm require widening and / or modification of roads, the same shall be done by the firm at its own cost. The required approvals / permissions etc. for the same shall be obtained by the firm at its own cost, NHPC shall not entertain any claim of firm on this account.
	7. The firm shall be fully responsible for the safety of the manpower & machinery engaged in the works. In this regard, the firm shall ensure all the compliances of extant safety norms & statutory provisions of law, rules, regulations, guidelines pertaining to safety of the manpower & machinery. NHPC Limited shall not in what so ever manner, be liable for any litigation & or legal complications arising out of any default/ lapse by the firm in this regard.	7. The firm shall be fully responsible for the safety of the manpower & machinery engaged in the works. In this regard, the firm shall ensure all the compliances of extant safety norms & statutory provisions of law, rules, regulations, guidelines pertaining to safety of the manpower & machinery. NHPC Limited shall not in what so ever manner, be liable for any litigation & or legal complications arising out of any default/ lapse by the firm
	8. The firm shall be responsible for strict compliance of labour laws & shall abide by all statutory rules & regulations of Govt. of UT of J&K/ GOI. NHPC shall not	

EOI Clause	Description	Modified
	be responsible for any issues/disputes relating to his manpower. 9. The firm shall be solely responsible for any mishap or accident at work site, which may result in loss of life or damage to property or machinery, therefore, shall bear all incidental cost, compensation, legal expenses thereto. 10. The firm shall ensure removal of sediment from the reservoir throughout the year and submit the monthly reports of quantity removed & quarterly bathymetric survey reports to the Power Station. Firm shall measure sediment concentration at the dredging area at a daily interval during monsoon period and at mutually agreed frequency during lean season and share the reports with NHPC Limited. 11. The firm shall remove/ extract / lift sediment only from its designated segment/s of the reservoir area; and shall not extract / lift sediment from the segment/s designated to other firms.	in this regard. 8. The firm shall be responsible for strict compliance of labour laws & shall abide by all statutory rules & regulations of Govt. of UT of J&K/ GOI. NHPC shall not be responsible for any issues/disputes relating to his manpower. 9. The firm shall be solely responsible for any mishap or accident at work site, which may result in loss of life or damage to property or machinery, therefore, shall bear all incidental cost, compensation, legal expenses thereto. 10. The firm shall ensure removal of sediment from the reservoir throughout the year and submit the monthly reports of quantity removed & quarterly bathymetric survey reports to the Power Station. Firm shall measure sediment concentration at the dredging area at a daily interval during monsoon period and at mutually agreed frequency during lean season and share the reports with NHPC Limited.

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	12. Validity of this NOC shall be for 02 (Two) years after obtaining the requisite licences / permissions within 03 (Three) months from the date of issuance of the NOC; and extendable by 03 (Three) years plus 03 (Three) years based on performance & mutual agreement between NHPC & the firm. However, for enabling continuity of NOC during the said period, the firm shall submit consolidated report regarding the quantum of sedimentation removed along with depth after completing every one year from the start of work, which shall be reviewed for continuity of NOC issued by NHPC Limited. 13. In case more than one firm participates and qualifies for a particular segment, the segment shall be further divided into sub-segments and the firm obtaining all clearances to start the work and subsequently submits the same to Salal Power Station first shall be given the preference to choose sub-segment to work. The segments shall be divided into sub-segments as per the number of qualified firms.	11. The firm shall remove/ extract / lift sediment only from its designated segment/s of the reservoir area; and shall not extract / lift sediment from the segment/s designated to other firms. 12. Validity of this NOC shall be for 05 (Five) years after obtaining the requisite licences / permissions within 03 (Three) months from the date of issuance of the NOC; and extendable based on performance & mutual agreement between NHPC & the firm. However, for enabling continuity of NOC during the said period, the firm shall submit consolidated report regarding the quantum of sedimentation removed along with depth after completing every one year from the start of work, which shall be reviewed for continuity of NOC issued by NHPC Limited. 13. In case more than one firm participates and qualifies for this segment{Maximum 5 number firms shall be considered for issuance of NOC, however it will be decided by NHPC at the time of finalization of EOI}, the segment shall be further divided into sub-segments. The

EOI Clause	Description	Modified
	14. Removal of sediment from site must be done within specified hours allocated by the Govt. of UT of J&K mining/ concerned department. 15. This NOC does not confer exclusivity to the firm with regard to area/ region mentioned in NOC. Further, the issued NOC to the firm is non-transferrable. 16.Salal Power Station, NHPC Limited reserves all the rights to issue an additional No Objection Certificate for sediment removal to other firms, at its discretion. 17.The firm shall seek necessary permission from Govt of UT of J&K Department(s)/NHPC for temporary access to the approach roads and land near the reservoir for the dredged material including space for equipment setup, site offices and loading zones, used by the firm and shall be restored to original state after use. 19 NHPC shall not permit the movement of vehicles/machineries through Dam Top and also shall not	area of work within the segment for each firm shall be decided by NHPC. 14. Removal of sediment from site must be done within specified hours allocated by the Govt. of UT of J&K mining/ concerned department. 15. This NOC does not confer exclusivity to the firm with regard to area/ region mentioned in NOC. Further, the issued NOC to the firm is non-transferrable. 16.Salal Power Station, NHPC Limited reserves all the rights to issue an additional No Objection Certificate for sediment removal to other firms, at its discretion. 17.The firm shall seek necessary permission from Govt of UT of J&K Department(s)/NHPC for temporary access to the approach roads and land near the reservoir for the dredged material including space for equipment setup, site offices and loading zones, used by the firm and shall be restored to original state after use.

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EOI Clause	Description	Modified
	provide any accommodation, any equipment, tools & tackles and power supply etc. to the firm/subcontractors. 20. NHPC shall not be responsible for any dispute or litigation whatsoever arising out of the issuance of the NOC to the firm. All cost of dispute or litigation in this regard shall be borne exclusively by the firm. 21. The firm shall indemnify NHPC from all costs, damages, losses caused to NHPC, if any, due to non-compliance, default or observance of the Regulations, Laws, Rules / Codes etc due to action / inaction of the executing firm of the aforesaid work. 22. Salal Power Station, NHPC Limited, reserves all the rights at its discretion to revoke/ suspend the NOC at any time, if required, in the interest of NHPC Limited / non-compliance with the above conditions. 23. The Firm shall prepare and submit the Progress Report by 3rd of each month covering period upto the end of	18 NHPC shall not permit the movement of vehicles/machineries through Dam Top and also shall not provide any accommodation, any equipment, tools & tackles and power supply etc. to the firm/subcontractors. 19. NHPC shall not be responsible for any dispute or litigation whatsoever arising out of the issuance of the NOC to the firm. All cost of dispute or litigation in this regard shall be borne exclusively by the firm. 20. The firm shall indemnify NHPC from all costs, damages, losses caused to NHPC, if any, due to non-compliance, default or observance of the Regulations, Laws, Rules / Codes etc due to action / inaction of the executing firm of the aforesaid work. 21. Salal Power Station, NHPC Limited, reserves all the rights at its discretion to revoke/ suspend the NOC at any time, if required, in the interest of NHPC Limited / non-compliance with the above conditions.

EOI Clause	Description	Modified
	last calendar month containing following details: (i) Status of all clearances and permissions from various Authorities applicable and obtained. (ii) Quantity of sediments removed from allocated area of reservoir. (iii) Copy of bathymetric survey report. (iv) Charts and detailed description of progress. (v) Comparison of planned and actual progress. (vi) Safety statics, including details of any hazards incidents and activities relating to environmental aspects and public relations. (vii) Details of equipment planned and actually deployed at site. 24. Fossils, coins, articles of value, structures and other things of geological or archeological interest discovered on the site shall be the absolute property of the NHPC. The Firm shall take reasonable precautions to prevent his labour or any other person from removing or damaging any such article or thing and shall immediately upon the discovery thereof and before	22. The Firm shall prepare and submit the Progress Report by 3rd of each month covering period upto the end of last calendar month containing following details: (i) Status of all clearances and permissions from various Authorities applicable and obtained. (ii) Quantity of sediments removed from allocated area of reservoir. (iii) Copy of bathymetric survey report. (iv) Charts and detailed description of progress. (v) Comparison of planned and actual progress. (vi) Safety statics, including details of any hazards incidents and activities relating to environmental aspects and public relations. (vii) Details of equipment planned and actually deployed at site. 23. Fossils, coins, articles of value, structures and other things of geological or archeological interest discovered on the site shall be the absolute property of the NHPC. The Firm shall take reasonable precautions to prevent his labour or any other person from removing or damaging

EOI Clause	Description	Modified
	removal acquaint the NHPC with such discovery and carry out the NHPC's directions as to the disposal of the same.	any such article or thing and shall immediately upon the discovery thereof and before removal acquaint the NHPC with such discovery and carry out the NHPC's directions as to the disposal of the same. 24. All the cost related to work has to be borne by the firm and no cost claim of any type shall be entertained by NHPC on any account.
Information for firms	Modified Information For Firms enclosed	

For & on behalf of NHPC Ltd.

General Manager (CC-II),
Contracts-Civil Division,
2nd Floor, Jyoti Sadan,
NHPC Office Complex,
Sector-33, Faridabad-121003 (Haryana),
Tele#+91 129-2254677
E-mail: contcivil2-co@nhpc.nic.in

INFORMATION FOR FIRMS

Name of Work: Issuance of No Objection Certificate (NoC) for Removal of deposited Sediments from the Reservoir of Salal Power Station, NHPC Limited, District-Reasi, UT of J&K

1. Introduction: -

Salal Power Station (6 x 115 MW = 690 MW) is located at Dhyangarh in Reasi District of Jammu & Kashmir. Salal Power Station is a run-of-the-river scheme to harnesses the hydropower potential of the Chenab River existing on the downstream of Baglihar Project. Salal Power Station comprises of two dams, a 118 m high Rock Fill Dam and a 113 m high Concrete Dam separated by the Dhyangarh ridge, forming a reservoir on the upstream. The capacity of the spillway is 22427 Cumec. The spillway has been provided with 12 radial gates of size 15.24 m X 9.32 m with the crest level at EL 478.68 M. The first stage was commissioned in 1987, and the second in 1995. The project layout plan is shown at Fig-1.

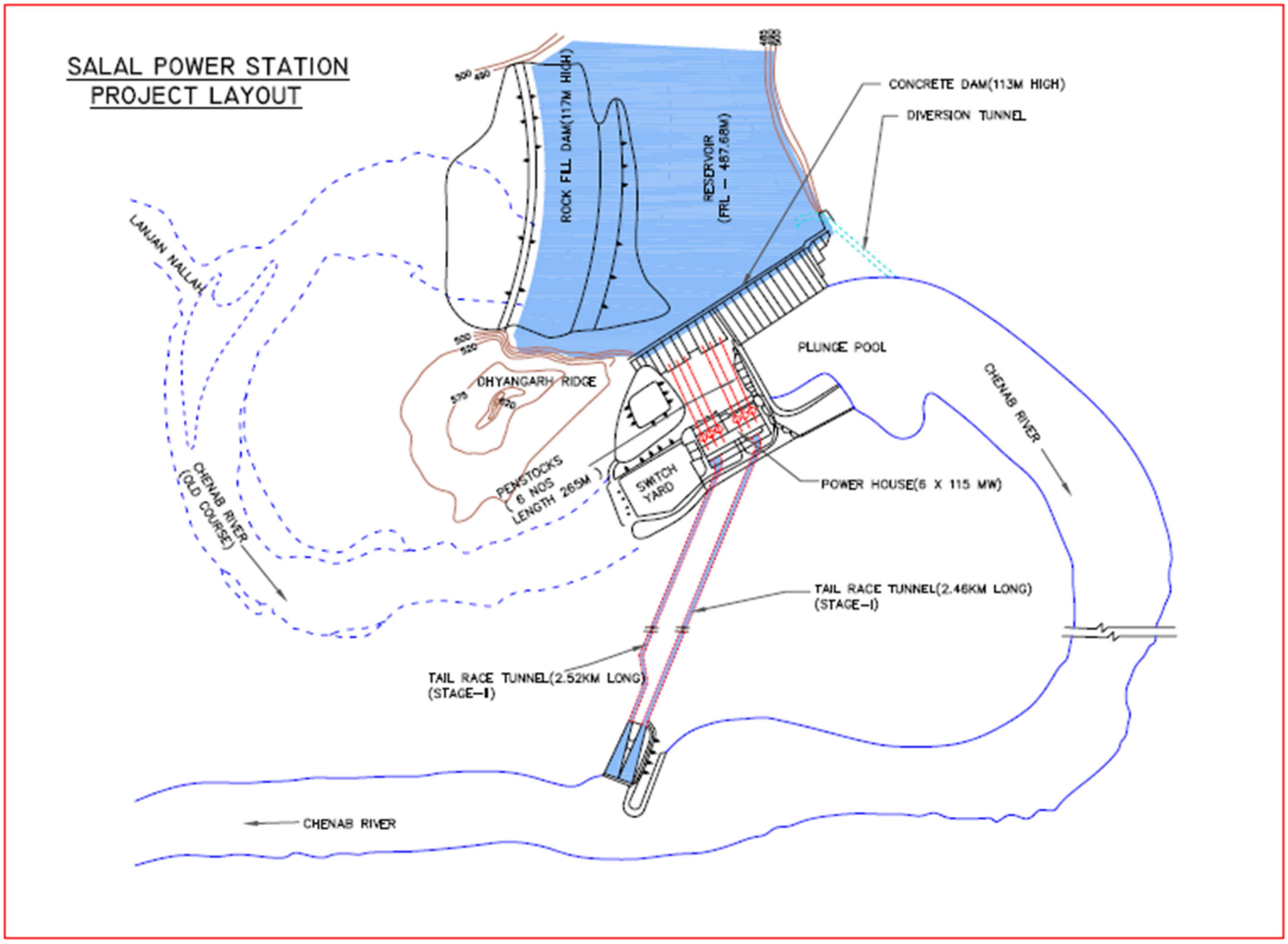

Fig-1 : Project Layout Plan of Salal Power Station, UT of J&K

The gross storage capacity of Salal reservoir was 284.08 MCM at FPL (EL 487.68 m) at the time of the Project's commissioning (1987). Current Reservoir Capacity is 13.95 MCM at FPL (2024 Survey) due to sedimentation in reservoir. The original reservoir capacity has significantly reduced due to sediment deposition.

2. Implementation of work: -

The significance of the Salal Power Station stems from its pivotal role in generating electricity through a run-of-the-river system. The gross storage capacity has been reduced to about 5% of its original due to severe sediment deposition. It has been proposed to restore the effective storage capacity by removal of deposited sediments from the reservoir thereby substantially enhancing the operational efficiency, and overall longevity of the Salal Power Station.

The work is to taken up in Salal Dam Reservoir from RD: 2.00 KM to 10.50 KM upstream of Dam axis. The entire reservoir falls within Reasi District of J&K.

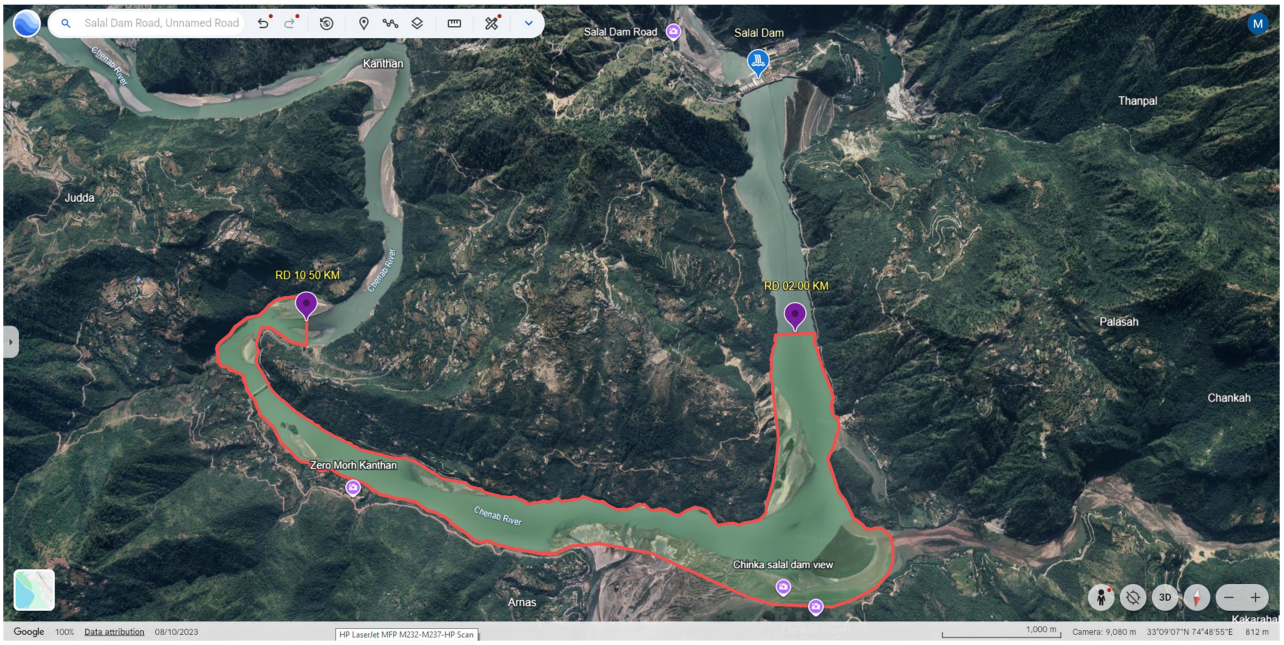

Fig RD: 2.00 KM to RD: 10.50 KM (The image is also new)

3. Location & Access: -

The Power Station's headquarter is at Jyotipuram. The Power Station is accessible by road throughout the year. The nearest relevant places from the Power Station (i.e Dhyangarh) via road are as under:

Sl No	Particulars	Place	Distance from Dhyangarh
1	Power Station's Headquarter	Jyotipuram	10 KM
2	District Headquarter	Reasi	16 KM
3	Nearest BG Rail Head	Katra	36 KM
4	Nearest Airport	Jammu	85 KM

Bus and Taxi services are available from Jammu and Katra upto Jyotipuram/Dhyangarh. For temporary stay, hotels are available at Katra and Reasi. The Power Station also have limited field hostel accommodation at Jyotipuram which can be provided for temporary stay (01-02 days) based on availability, and on payment basis.

The Dam & Powerhouse site is accessible from District Headquarter, Reasi from both banks. The Left Bank Road from Reasi via Mari, Jyotipuram, Bidda upto Dhyangarh is approximately 18.00 KM long. But

this road have steep gradients, and is not suitable for heavy vehicles, especially trailers. The Right Bank Road from Reasi via Baradari, Talwara, Gujjar Kothi upto Dhyangarh is approximately 16.00 KM long. This road relatively have gentle gradients and is suitable for movement of heavy vehicles and trailers.

The approach roads to access the reservoir are incomplete, and as such the firm/s may have to deploy barges/pantoons or prepare approach paths on some portion of the reservoir. On the upstream of Salal Dam, a single lane (3.50 M width) is available along the Chenab River on the right bank from Dhyangarh (Rockfill Dam) upto Kanthan Bridge (RD : 9.00 KM). This road is approximately 23.00 KM long. From this road, the river bank is approachable at Thanpal Village (RD: 3.00 KM) and at Chinkah and Arnas Villages (RD : 4.00 KM & RD : 5.00 KM). There are 02 single lane Steel Bridges on this road with 15 Tonne (across Rud Naala) and 70 R (across Ansh Naala) capacity respectively. The Kanthan Bridge is a 70 R double lane pre-stressed concrete bridge across River Chenab.

On the left bank, a single lane road (3.50 M width) is available near the river bank at RD 2.40 KM from Dam axis. However, this road moves up to higher elevation and connects the road coming from Kanthan Bridge which connects Reasi via Salal Village, Jyotipuram etc. The approximate length of this road from RD 2.40 KM upto Reasi is approximately 34.00 KM. Further, on the left bank, approach road to river bank is available near RD : 10.00 KM (near Kanthan Bridge) also.

From Reasi, double lane road is available via Katra (24.00 KM) upto Domail (40.00 KM) where it meets National Highway NH44. The distance from Domail to Jammu is approximately 28.00 KM.

The firms can view the approach roads on Google Earth. However, it is advisable to visit the site to assess the actual conditions of approach roads for transportation of machineries and for disposal of the extracted sediment.

4. Communication Facilities Available at Work Site: -

The project area is connected with mobile networks like Airtel, BSNL and Reliance Jio networks. However, firm may further reinforce communication system with walky-talky system as per their requirements.

5. River System and Basin Characteristics

The catchment of the Chenab River is spread over the UT of J&K and Himachal Pradesh. The upper half of the basin is located between Great Himalayas and Pir Panjal and the lower half is located between the Pir Panjal and the Dhaola Dhar / Shivalik ranges. Chenab river is one of the three main rivers viz. the Indus, the Jhelum and the Chenab which drains the UT of Jammu and Kashmir. It is formed of two streams (namely, the Chandra and the Bhaga) situated in the great Himalayas of Lahaul region of Himachal Pradesh.

The river flows in a general north-west direction before it is joined by the biggest of all tributaries, namely the Marau or the Marusudar River at Bhandalkot. The Chenab takes a great bend at Bhandalkot changing its north westerly course to a southerly course. Downstream of this Bhandalkot point, the river flows almost due south upto Thatri, where it is joined by Kal Nai on the left. The river then takes a great bend at Thatri changing its course from nearly southerly direction to almost westerly direction. The Niru Nakla joins the Chenab from the left bank at Doda. The Chenab continues to flow in a westerly direction till it is joined by its tributary Bichlari river on its right at Ramban. The famous Banihal Pass in the Pir Panjal range is located in the watershed line of this tributary. The river then runs in a south westerly course. Before it turns south below the famous Salal loop, the Ans River joins the Chenab River on its

right below Kanthan village. The mean elevation of the Chenab basin is EL 3600 m. The Chenab River basin is a part of Western Himalayas. At its upper part the basin is narrow and elongated while it broadens down along the lower part. The upper portion of the basin is characterised by rugged mountainous topography, whereas lower basin consists of low hills and aggradational plain.

As about one third of catchment area of Chenab remains perpetually covered by snow and glaciers, the comparatively high flows between March to June are largely contributed by snow melting. High discharge in the river between July to September is further compounded due to monsoon precipitation. The minimum flow occurs during December, January and February.

6. Climatology

The climate of the state varies from extreme cold to a tropical temperate climatic condition as in the parts of Jammu region. The climatic condition surrounding project area resembles almost like Jammu area. In summer, surrounding the project area, it is hot and humid (day temperature in sunny day is above 30°C) but in winter, the night lowest temperature comes down between 8 & 9°C. Main monsoon period in this part extends between Jun to September due to effect of South-West monsoon. In winter also, some rainfall takes place between December and March due to northern disturbances. Annual average rainfall in this part is around 1200 mm. The cold season in this part extends between December and April.

7. Precipitation Characteristics

The basin receives precipitation round the year. However, two distinct seasons can be discerned:

Dec to May	:	Precipitation is mostly in the form of snow except in May when the snowfall is confined to higher altitudes
July to Oct	:	Precipitation is in the form of rain due to monsoon activity
June & Nov	:	Months of least precipitation

Precipitation in general decreases from West to East. Precipitation in the winter season is attributed to Western Disturbances moving from West to East in westerly wind regime that normally prevails over the Himalayan latitudes. These disturbances may be in the form of a depression or a low-pressure area or an upper air cyclonic circulation in lower isobaric levels.

From July to October, the basin is normally under the influence of Southwest monsoons. Extreme rainfalls are confined generally to monsoon season (Jun to September) and occasionally very heavy rainfall can occur towards end of September or early October under the combined effect of two meteorological systems. Chenab basin experiences heavy flood generally in the months of July, August and September.

NHPC LIMITED

(A Govt. of India Enterprise)

CIN: L40101HR1975GOI032564

CORRIGENDUM – TIME EXTENSION

Name of the Work :	Expression of Interest (EOI) for "Selection of Firms for issuance of No Objection Certificate (NOC) for Removal of Deposited Sediments from the Reservoir of Salal Power Station"
Tender ID No. :	2025_NHPC_880244_1
Tender Specification No. :	NH/CCW/CC-II/Salal PS/EOI-2758 dated 07-10-2025
Corrigendum Date :	05-01-2026

Sr. No.	EOI Condition	Amendment
1.	Clause-1 (B)(vi): Online Application Submission closing Date & Time : 05-01-2026 (15:00 Hrs)	Online Application Submission closing Date & Time : 12-01-2026 (15:00 Hrs)
2.	Clause-1 (B)(viii): Opening of Online EOI Application (Cover-I) Date & Time : 06-01-2026 (15:30 Hrs)	Opening of Online EOI Application (Cover-I) Date & Time : 13-01-2026 (15:30 Hrs)

All other provisions / terms and conditions of the EOI document shall remain unchanged.

General Manager (CC-II),

E-mail: contcivil2-co@nhpc.nic.in