

DETAILS OF WORKS / CONSULTANCY / PURCHASE CONTRACTS AWARDED ON NOMINATION BASIS
2ND QUARTER OF 2020 - 21 (JULY 2020 - SEPT 2020)

DETAILS OF WORKS / CONSULTANCY CONTRACTS

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Sr. No.	Description of Item	Cost (Rs. in Lakhs)	Name of the Agency	Contract Period	Reason for nomination	Approving Authority	UNIT
1	Name of the Work:	Estimated Cost:	Vibrant NDT Services Pvt. Ltd	01 Month	Helium leak testing is to be carried out at various locations of PHT and Moderator system on O&M request. Helium testing of certain system and their components is essential for advanced commissioning requirements of Reactor, prior to filling of Heavy water in PHT and moderator. For this purpose, O&M section has requested for providing of 2 Nos of Helium machines. Piping section is not having any such machine. NPCIL's Helium machines of other section are bulky, and are meant for fixed work at one place. For above mentioned testing work portable machines are useful and leak search productivity is good.	Project Director	Unit-3&4, Kakrapar Gujarat Site
	Supply of Helium Testing Machine Addixen make Model ASM 310 with Capillary Standard Leak along with operators	7.08			To meet the requirement of O&M, work is required to be awarded for duration of one month. Moreover, disruption in completion of testing activities may significantly impact project completion schedule of K#3. M/s Vibrant NDT Service is identified as a reliable agency to meet our requirement. M/s Vibrant in past has provided "Helium Machine" for limited time through WO-80426.		
	Tender / Quotation No. & Date :	Value of work awarded:	Starting Date:		To meet urgent requirements of O&M section, it is proposed to hire 2 Nos of compact Helium Leak Detecting machine from M/s Vibrant NDT services on Nomination without call of tender basis for One Month. Reasons for hiring machines from M/s Vibrant NDT Services are as below:		
	KAPS/CTC/3-4/PIPING/2020/MT/945	7.08	02-07-2020		1. Compact machine Addixen Make Model ASM 310 (2 Nos) is readily available with proposed contractor. 2. Firm has telephonically confirmed for immediate mobilisation, if NPCIL instructs. 3. Firm has provided various NDT services including proposed work, in NPCIL / contractors working for NPCIL work. 4. Proposal initiator, recommending to approving authority at NPCIL is not having any relation with proposed firm.		
	Work Order Details:		End Date:				
	KAPS/CTC/3-4/PIPING/CAP/2020/WO/80447		01-08-2020				
2	Name of the Work:	Estimated Cost:	Jaggi Electricals	09 Months	History / Justification for contract: As per the original design document (No. KAPP-34/64110/7501/ES), scope of execution of "Earthing system at Turbine Building Unit#3" lies with BOTIP. The same was confirmed vide e-mail dated 15.10.2019 from designer. However, the said work could not be executed by BOTIP because of present financial condition of M/s Dodsai. To meet the synchronization targets set by KAPP management, the work is required to be executed on urgent basis as decided during daily review meeting by award of tender on nomination basis through available contractor mobilized at site.	Chief Construction Engineer	Unit-3&4, Kakrapar Gujarat Site
	Earthing system at Turbine Building Unit-3	47.62			Justification: 1. As per the original design document (No. KAPP-34/64110/7501/ES), scope of execution of "Earthing system at Turbine Building Unit#3" lies with BOTIP. The same was confirmed vide e-mail dated 15.10.2019 from designer.		

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	Tender / Quotation No. & Date :	Value of work awarded:	Starting Date:		2. Due to Non-availability of signal ground and panel earthing M/s BHEL / ALSTOM are not in position to start the commission work of secondary system. Hence, commissioning activities of various systems is on hold. Time does not permit any further delay in the work execution. 3. The work required to be executed speedily. M/s Jaggi Electricals, Kota, is already mobilized at site and executed similar kinds of jobs and contractor has adequate resources for completion of jobs to meet NPCIL targets.		
	KAPS/C&I/3-4/2020/MT/001	43.68	26-08-2020		4. M/s Jaggi Electricals, Kota, has well trained, qualified and experienced manpower, so additional training and qualification need not be required for execution of job. 5. Even with the outbreak of pandemic COVID-19 adequate experienced manpower of M/s Jaggi Electricals is available at KAPP which can be used to complete the job in time frame required by NPCIL.		
	Work Order Details:		End Date:				
	KAPS/CTC/3-4/C&I/CAP/2020/WO/80456		25-05-2021				
3	Name of the Work:	Estimated Cost:	M/s Bhagwat construction, Bulandshahar, UP	25 (Twenty-Five) Days	On 17-07-2020, a hydrogen leak was identified from Unit-5 generator gas trap. The hydrogen concentration in generator gas trap was observed to be 1000ppm. The same was kept under observation and monitoring of hydrogen leak and continuous venting of stator water system is being done.	Station Director	Unit-5&6, RR Site
	Rectification of Unit-5 Turbo generator hydrogen leak	39.83			On 28-07-2020, unit-5 was shut down due to leakage in seal plug of the reactor coolant channel. Due to shutdown of the unit and subsequent cool down of the generator, the hydrogen leak from generator increased significantly. Due to increased hydrogen leak, it was decided to open the generator for identification and rectification of the leak prior to start up of the unit.		
	Tender / Quotation No. & Date :	Value of work awarded:	Starting Date:		RRSU-5 is having M/s ETM, Ukraine make turbo-generator. The machine is distinct in construction from other similar rating machines made in India. Hence, rectification job in this machine is a specialized and technically intensive in nature. The job is required to be done through contract from specialist party having experience of working in the similar field.		
	NPC/RRS/56/2020/NT-A2167	41.72	05-08-2020				
	Work Order Details:		End Date:				
	64120 dtd. 03-08-2020		30-08-2020				
4	Name of the Work:	Estimated Cost:	M/s S. A. Khan	08 (Eight) Months	Owing to specific & critical nature of job a separate group has been formed for timely & successful completion of EMBHR job along with other long outage activities by	CS	Unit 1&2 RR Site
	Consultancy service for En-mass boiler hair pin HX replacement (EMBHR) work in RAPS-2	4.72			different sections. The work of En-mass boiler hairpin HX replacement will be executed through contract and necessary manpower / resources for execution of this work shall be arranged by contractor.		
	Tender / Quotation No. & Date :	Value of work awarded:	Starting Date:		However sufficient nos of experts will still be required at different locations like fabrication, handling and shifting of new/old hairpins and actual removal/installation at reactor building.		
	NPC/RRS/12/2020/NT-B2181M	4.72	01-10-2020		Sri Khan was the key person responsible for supervision of this works during all the previous campaigns of hair pin HX removal & replacement. He is well versed with all tiny details related to cutting, removal & re-installation of hair pin HX of RAPS-2.		
	Work Order Details:		End Date:		Presently no such experienced person is available at RR site. Therefore, the experience & expertise of Sh. S.A. Khan shall be very helpful & precious support to EMBHR team . Appointing Sh. S. A. Khan as assistant Consultant is justified.		
	64135 dtd. 30-09-2020		31-05-2021				