

KERALA STATE ELECTRICITY BOARD LIMITED

(Incorporated under the Companies Act, 1956) CIN:U40100KL2011SGC027424

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Abstract

Execution of Balance Civil and Hydro Mechanical works of Thottiyar Hydro Electric Project (40 MW/ 99 MU) –Contract with M/s PRIL-SSIPL Consortium- Excess quantity and Extra items-sanctioned— orders issued.

CORPORATE OFFICE (SBU-G/C)

B.O (FTD) No.457/2020(DGC/AEE-III//THYR/2014) TVPM Dated 02.07.2020

- Agreement No.01/CECC/2018-19 dated 05-04-2018.
- B.O (DB) No. 3291/2017(DGC /AEE-III/THYR/2014) TVPM dated 30.12.2017.
- Minutes of 2nd & 3nd Project Monitoring Committee meeting held on 26.08.2019 &27.12.2019 respectively.
- 4. Note No.CECCS/THEP/2016 dated 01.06.2020 &16.06.2020 of the Chief Engineer(CC) South.
- 5. Remarks No. Tender-1/25/2020 of the financial Adviser dated 13.03.2020.
- Note No..DGC/AEE-III/ 3021/90 dated 18.06.2020 of the Director(Gen -Civil) to the Full Time Directors (Agenda item No.50/6/2020).

ORDER

The contract for the execution of the balance civil and Hydro Mechanical works of Thottiyar Hydro Electric Project was awarded to a consortium formed by M/s P&R INFRA Projects Ltd (Lead Bidder) & M/s Shri Saravana Industries Pvt Ltd ,at their quoted price of Rs 97,76,73,638/- (Rupees Ninety seven crore seventy six lakh seventy three thousand six hundred and thirty eight only) inclusive of GST @ 18% on 04.01.2018 with the time of completion as 26 months which expired on 03.04.2020. Now 24.5% of the balance civil works has been completed.

The Chief Engineer (CC- South) as per note read as 4th above has reported that during the actual execution of civil works, some extra items for ₹3,95,380/- and excess quantities for ₹3,65,26,571/- are necessitated for the satisfactory completion of the work. This was placed in the 2nd & 3nd Project Monitoring Committee (PMC),and the members in consensus agreed that the said works are necessary for satisfactory completion of the project and hence recommended for taking up with the Board for approval.

The Financial adviser has furnished remarks as per letter read as 5th above. The Chief Engineer has furnished justification for the excess quantity and extra items and the details of savings in item Nos. 4.24 & 5.48 amounting to ₹4,13,12,587/- which exceeds the financial

commitment for excess quantities/extra item (₹3,69,21,951/-). Thus actul amount will within the sanctioned PAC of ₹ 97,76,73,638/-.

The Chief Engineer (CC-South) has requested sanction for extra items amounting to ₹3,95,380/- (Rupees Three Lakhs Ninety Five Thousand Three Hundred and Eighty only) and the excess quantity executed /to be executed amounting to ₹3,65,26,571/- (Rupees Three crore Sixtyfive lakh Twentysix thousand Five Hundred and Seveny one only) and the savings envisaged amounts to ₹4,13,12,587/-.There is no additional financial commitment due to excess quantities & extra items while considering savings.

The matter was placed before Full Time Directors as per note read 6 above. Having considered the matter in detail, the Full Time Directors in its meeting held on, 25.06.2020 resolved to accord sanction for extra items amounting to ₹ 3,95,380/- (Rupees Three Lakhs Ninety Five Thousand Three Hundred and Eighty only) as per Annexure-I and the excess quantity executed /to be executed amounting to ₹ 3,65,26,571/- (Rupees Three crore Sixtyfive lakh Twentysix thousand Five Hundred and Seveny one only) as per Annexure-II for the satisfactory completion of Thottiyar HEP as recommended by the Project Monitoring Committee without any additional financial commitment considering the savings of ₹ 4,13,12,587/-(Rupees Four crore Thirteen lakh Twelve thousand Five hundred and Eighty seven only) as per Annexure-III.

Orders are issued accordingly and the Chief Engineer (Civil-Construction) South shall take further necessary action.

By order of the Full Time Directors
Sd/-

LEKHA.G
Company Secretary(in charge)

To

The Chief Engineer (Civil-Construction) South.

Copy to:-

The Chief Internal Auditor/ Financial Adviser
The RCAO/The RAO
The TA to Chairman&MD/Director (GE&SCM)/ Director (D.IT&HRM)
Director (T,S.O&REES) / Director(PLG&S)
The Project Manager, Thottiyar SHEP
The Company Secretary.
Library/ FC Supt/Stock File

Forwarded/By Order

Assistant Executive Engineer

EXECUTION OF THOTTIYAR HYDRO ELECTRIC PROJECT (40 MW) ANNEXURE - I - DETAILS OF EXTRA ITEMS

(Rupees Three Lakh Ninety Five Thousand Three Hundred and Eighty only)

Forwarded / By Order.

Assistant Executive Engineer

COMPANY SECRETARY IN CHARGE

EXECUTION OF THOTTIYAR HYDRO ELECTRIC PROJECT (40 MW) ANNEXURE - II - DETAILS OF EXCESS QUANTITIES

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			*	Total Qu	Quantity	A		3	+1					
Description of work	Quantity as per original Agt		Executed Upto:	Amti	Anticipated		Total	Quantity	ı î	Rate		Amount for excess quantity	æ	
Cernent concrete M20MSA 40 for retaining wells at all elevations including all form works, mbdng, laying, consolidating with vibrator, curing etc. complete with all lead and lift as per specifications excluding cost of cement for track formation as per the directions of the Engineer in Charge.	1500 m3		812.21 m	m3 3587.787	787 m3		4400.00 m3	3 2900.00	8	7107.5 m3	3 2	1,26,11,750.00	August 2018, a for experience streams crueding the personal track were formed. As a method the first were formed. As a method the first were progressing the excension developed a trackersy to stream of some limited area of forms and some length and size of the examination stability could not be provided and the examination and hence the quantity.	
Cement concrete M20MSA20 for pier of penstock bridge including all charges for form works, cost, conveyance, mixing, laying, curing etc. complete, excluding cost of cement as per specifications as per the directions of the Engineer in Charge	99	P P	00.00 m.		460.00 m3	460.00			200.00 m3	7048.25 m3	E	00°059'620"00	The hard strata obtained at size was nearly at 10.00 m depth which was far below than expected and considerably more than the original proposal. Hence changes in the design of the pier was necessitated to suit the site condition and to avoid the curved and tapeard stappe of the pier of the bridge to facilitate the ease of construction, resulting in the additional/excess quantity of 200m3 of concrete.	

72

			Total Quantity	Agr.				invested for excitat	1
Description of work	Quantity as per original Agt	Executed Upto 31.07.19	Anticipated	2	Total	Out of the same	Rote	150 mm	
Reinforcement (conforming to primary steel producers who are using iron ore as the basic specifications) for RCC work using steel bent, tied and placed in position as per design and specifications at all elevations and as per the directions of the Engineer in	157000 kg	бу 00:6686	182101.00	1920	192000.00 kg	35000.00 kg	90.85	31,79,750.00	
Usage of cement as per technical specification including cost, conveyance and handling Charges for various items of work for which the cost is not included.	5000 MT	T 496.385 MT	T 5518.12 MT		6014.50 MT	1014.50 MT	11426.25 MT	T 1,15,91,930.63	per and retaining will.
Supply and usage of admindure at site including cost of admixture, conveyance charge, storage arrangements: If necessary etc complete as per the directions of the Engineer in Charge.	5000 Kg	4956.00 Kg	g) 10189.00 Kg		15145.00 Kg	10145.00 Kg	73.30	Kg 7,43,628.50	

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	Receipt	the sepisator of the second of				
	Amount for excess quantity	20,02,770.00 Course or the service of the service o	3,95,39,479.13	30,12,908.31	3,65,26,570.82	3,65,26,571.00
1100	Rate	2861.10 m3		Less Tender Deduction @ 7.62%	Net Amount	ROUNDED TO
	Proses	700.00 m3		Less Tender Ded		
	Total	900:00 m3				
Total Quantity	Anticipated	720.00 m3				
	Upto 31.07.19	180.00 m3				
	Quantity as per original Agt	200 m3	- N			
	Description of work	Rubble pitching/ Rough stone dry packing to lines and levels including cost of all materials, conveyance, labour changes, etc. complete as per specifications as per the directions of the Engineer in Charge.				

(Rupees Three Crore Sixty Five Lakh Twenty Six Thousand Five Hundred and Seventy One only)

COMPANY SECRETARY IN CHARGE

Assistant Executive Engineer

Forwarded / By Og

Amenure-HI to BO(FTD)No/45 72029/(DGC/AEE-HI//THYR/2014) TVFN BEEN

EXECUTION OF THOTTIYAR HYDRO ELECTRUC PROJECT FASHW)

ANNEXURE - III - Savings Anticipated

				1	I		
		Agt. Qty/ Revised Qty	Quantity not to be executed	Rate		Sevings	1
	controls and erection of perstock bridge steel controls, track rails and other embedded parts etc. The specifications and approved design as per the directions of the Engineer in Charge.	1430 Qt	P6 288	13929.65 Æ	B	1,22,85,951.30	Due to omission of permanent all time between All to NT & arithmetic error in the sandloned estimate.
86	The state of the s	16909000 Kg	357600 Kg	200	90.7 /Kg	3,24,34,320.00	As per site conditions this quantity is not required. Hence savings.
	Total					4,47,20,271.30	
	Less Tender Deduction @ 7.62 %	Ø 7.62 %				34,07,684.67	
1	Net Amount (Savings)	(sốu				4,13,12,586.63	
				ROUNDED TO		4,13,12,587.00	

Forwarded / By Order

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t Executive Engineer

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COMPANY SECRÉTARY IN CHARGE