

**Minutes of Meeting of 22nd ERC held on 24th December 2016 at 11AM
in the Conference hall of Director.**

Persons Attended

AIIMS

M/S HSCC Ltd.

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| 1. The Director, | 1. Mr. Chandan Patnaik |
| 2. The Dy. Director (Admin) | 2. Mr. Mithilesh |
| 3. The Financial Advisor | |
| 4. The Superintending Engineer. | |
| 5. The Executive Engineer (Electrical). | |
| 6. Executive Engineer (Civil) | |

At the outset SE welcomed all the members present in the meeting.

Package - 1

Starting the discussion SE placed before committee 15 items of deviated and extra items (Civil) of package - I for approval. Intervening in the discussion DDA asked that whether such deviated items have been executed or to be executed have been recommended by PC and approved by the competent authority as per the agreement. Not only that he placed before committee that while submitting the items for approval, there should be clear-cut explanation whether the items are being executed with due approval from the competent authority or not. In this regard SE explained that there are some finishing items those need to be decided at site by SE and other officials of project cell to complete the work and not to break sequential items due to technical reasons. In this regard all ERC members emphasized that the items to be approved should have a clear-cut explanation from PC that the items those have been executed are with a intension to complete the work.

Package - II

Starting the discussion SE explained to committee that as per provision in the contract that the operation and maintenance contract for HVAC work is supposed to be executed in the prescribed format after completion of work in all respect. As the completion of work has been inordinately delayed and the institute has been availing HVAC facilities in some parts of the completed buildings like Hospital building, Admin block and Academic block since 2014 and to release payment to the contractor in the intention to maintain uninterrupted HVAC services, a formula has been derived in a prorata basis. Participating in discussion the committee members wanted to know whether this formula has been derived basing on the contract conditions or not. In response to that SE explained to the committee that the formula has been derived to pay to the contractor for providing uninterrupted service to the blocks and no formula is

mentioned in the contract. The details of formula and its financial implications are given under :

Agenda No. 17 - BOQ item No - Sub Head-E, Operation and Maintenance, Sl. No.-1&2.

O&M Proposal of HVAC system of M/s Blue star Ltd., the Sub vender of M/s L&T Ltd.

Methodology

Total tonnage = 725 x 5 TR

725 X 4 = Chillers under operation

725 x 1 = Stand by

For DLP Period (1st year)

- 1) A) The value supposed to be paid as per contract during DLP period (1st year) considering the date of start after completion of job in all respect = Rs 80,00,000.00.

For 2nd year

(B) The value supposed to be paid as per contract during DLP period (2nd year) considering the date of start after completion of job in all respect = Rs 1,60,00000.00

- 2) The value has been calculated as per tonnage i.e commissioning of units/equipments in the form of tonnage in phase wise manner (in three phases) considering four active chillers in to account.
- 3) Considering 400 hours deduction for test run as per the recommendation of PC at Jodhpur, AIIMS, found from the file, the DLP period has been considered.

(A)The amount proposed in DLP period (1st year) in Rs

- (i) 1st Phase = 17,27,022.00 (12.03.2014 to 11.03.2015) = 1st year(DLP)
(ii) 2nd Phase = 8,55,614.00 (01.05.2014 to 30.04.2015) = 1st year (DLP)
(iii) 3rd Phase = 10,45,164.00 (03.09.2014 to 02.09.2015) = 1st year (DLP)

Total = i + ii + iii = 36,27,800.00

(B) The amount proposed in 2nd year of these units in Rs

- (i) 1st Phase = 3619310.00 (12.03.2015 to 11.03.2016) = 2nd year
(ii) 2nd Phase = 1793103.00 (01.05.2015 to 30.04.2016) = 2nd year
(iii) 3rd Phase = 2190345.00 (03.09.2015 to 02.09.2016) = 2nd year

Total = i + ii + iii = 76,02,759.00

Hence, A + B = Rs 1,12,30,559.00

The proposal of SE in Agenda to deduct 07 lakhs as a lump sum amount due to attendance of complaints some times in a delayed manner, in the interest of Government of India is accepted by ERC.

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Hence, amount recommended by SE after due evaluation, to ERC = **RS 1, 05, 30,559.00** for the tonnage considered above as a prorate basis is approved in this ERC.

Agenda No. - 18 **BOQ Item- 1.0 (V)** : Supply, installation, balancing and commissioning of factory fabricated GSS sheet material rectangular/round ducting complete with neoprene rubber gaskets, elbows, splitter dampers, vanes, hangers, supports etc. As per approved drawings and specifications of following sheet thickness complete as required. Thickness 0.5 mm/ sheet.

The quantity of escalation of HVAC duct of 0.5MM thick placed in the 21st ERC was taken over to 22nd ERC and the committee members opted to visit the site to have a idea why the quantity was deviated more than 100%. Accordingly DDA, FA along with SE, EE (Elect.) Project Manager, M/s HSCC and project Manager (L&T) visited the newly constructed Gynaecology OT unit in 2nd floor. After seeing the ducting area as well as AHU units of the OT area, EE (Elect.) explained the details functional of HVAC system and necessity of the total ducting area and the deviation thereof. The members felt the necessity and were convinced. As per the project consultant opinion at site, they had given the quantity and breakup considering fresh air ducting of D, E, and F blocks. As per the instruction of Secretary Health & Family welfare Govt. of India to make these block centrally air conditioned, the matter was taken up with PC to give opinion that whether the duct to be hung for fresh air as a deviated quantity will be useful for central air-conditioning system latter. In response, the PC denied citing that the duct for fresh air is different than the duct for air-conditioning system as per specification. The project cell after due consideration the fact that the fresh air ducting will not be useful for central air conditioning system , the quantity of extra ducting area was reduced to 21214.97sqm in place of earlier recommended 27,000sqm which has been recommended by PC..

Detail breakup of the quantity to be executed at site is given below:

- i) The BOQ quantity = 24800 sqm.
- ii) The quantity already sanctioned i.e. 30% above BOQ quantity by SE as per his delegation in the contract = 7440 sqm.
- iii) The quantity recommended by PC and subsequently recommended by SE to 22nd ERC for approval above 130 % (BOQ Quantity + 30%) = 21214.97 sqm.

Total quantity to be executed at site as per recommendation of PC = 53454.97 sqm.

Financial implication- The total financial implication for 21214.97 sqm duct will be Rs **1,40,01,880.20** as per the rate recommended by SE and EIC is approved in ERC. But it is also decided that the payment will be made as per actual measurement of the item executed at site.

Agenda No. 19 - BOQ Item - 4.0(i) Supply and fixing of chemically cross linked, closed cell polyethylene FR-XPE retardant grade insulation as per specification.--15 mm thick for supply air duct.



The quantity of escalation of HVAC duct insulation as per above specification placed in the 21st ERC which was taken over to 22nd ERC and the committee members opted to visit the site to have a idea why the quantity was deviated more than 100%. Accordingly DDA, FA along with SE, EE (Elect.) Project Manager, M/s HSCC and project Manager (L&T) visited the newly constructed Gynaecology OT unit in 2nd floor. After seeing the ducting area as well as AHU units of the OT area, EE (Elect.) explained the details functional of HVAC system and necessity of the insulation and the deviation thereof. The details of quantity as recommended by PC and SE

Detail breakup of the quantity to be executed at site is given below:

- i) The BOQ quantity = 25000 sqm.
- ii) The quantity already sanctioned i.e. 30% above BOQ quantity by SE as per his delegation in the contract = 7500 sqm.
- iii) The quantity recommended by PC and subsequently recommended by SE to 22nd ERC for approval above 130 % (BOQ Quantity + 30%) = 40000 sqm.

Total quantity to be executed at site as per recommendation of PC = 72500 sqm.

Financial implication- The total financial implication for **40,000 sqm** insulation will be **Rs 2,19,60,000.00** as per the rate recommended by SE and EIC is approved. But it is also decided that the payment will be made as per actual measurement of the item executed at site.

Agenda No. – 20 Extension of Time (EOT)

Initiating the discussion in the meeting SE placed the ERC case for Package – II & III in ERC citing that M/s HSCC (I) Limited has denied to give their comments as both the EOT's have already been commented by previous PC. Taking part in the discussion DDA, FA and Director opted to have a third party check of EOTs. Hence, it was decided by the committee that all EOTs will be checked and verified by CPWD and only after their recommendation the ERC would be in a position to take a decision.

De -Scoping of Solar Power Work from M/s IVRCL Limited.

SE informed to the committee that the installation of 125Kwp Solar Power was in the scope of M/s IVRCL Limited, for which they have already procured part of the materials. But in the mean while Ministry verbally directed to SE to de scope the work from M/s IVRCL citing that this technology based on which design was made, has become obsolete. Recently Ministry is going to take up Solar Project through NTPC for which Executive Engineer (Electrical) is the Nodal Officer. Considering all aspects, DDA, FA & Director opted that as the contract was signed by the Ministry, SE will write a letter to ministry in this regard and after getting Ministry concurrence, ERC would be able to take a decision.

As per request given by IVRCL to project cell vide his letter NO. - IVRCL/B&IS/AIIMS/2016-17/325 dated 16/12/2016 initially IVRCL has taken a mobilization advance of Rs. 4,76,43,374.00 and there mobilization advance in a tune of 3,52,13,095.00 has been recovered and a mobilization advance of Rs. 1,29,35,279.00 is pending. Against the advance 3 BG amounting to Rs. 79, 41, 396.00 each i.e. 2, 35, 24,188 has been deposit with project cell. As IVRCL has requested for release of one BG out of 3BG. After due discussing with the ERC member it is finally concluded that one BG of 79, 41,396.00 will be released.

Consideration of Co-opted Members in ERC Meeting

To have a thorough check and second opinion for those items came to ERC for approval. The Director, DDA and FA gave opinion to have a co-opted bin the rank of Chief Engineer or ADG from CPWD / Faculty from NIT in the respective field which was unanimously accepted.

Declaration by Superintending Engineer and EIC : Certified that the addition / alteration in the quantity is correct as per execution at site and GFC drawings and the rate proposed for the above items has been worked out as per the terms of the relevant work contract and market rate as proposed in 22nd ERC is reasonable at the time of execution of the items.

The SE has certified for all the items as mentioned above regarding the correctness of Deviation / Variation/Substitution as applicable in quantity as placed before this ERC. It is further certified by the SE regarding all the items as mentioned above that the rates as proposed in variations items are reasonable prevailing market rates at the time of execution of the work and after taking into accorded trade discount. The SE has stated that all those items as placed before ERC fulfil all the terms & conditions of the order No. - Z28016/11/2012 - SSH Dated 20.05.2013, 10.04.2015 and letter No. - Z- 28016/15/2010 - SSH dated 16.09.2016 issued by the PMSSY division MoHFW, Govt. of India.

23/01/17
Asst. Manager (Electrical)
M/s HSCC (I) Limited

23/01/17
Executive Engineer (Civil)
AIIMS, BBSR

23/01/17
Financial Advisor
AIIMS, BBSR

23/01/17
Deputy Director (Admin)
AIIMS, BBSR

mitrasanku 29/01/2017
Executive (Civil)
M/s HSCC (I) Limited

23/01/2017
Executive Engineer (Electrical)
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23/01/17
Superintending Engineer
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23/01/17
Director
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