



DRAFT MINUTES OF 41ST MEETING FOR THE BUILDING AND WORKS COMMITTEE HELD ON 24th NOVEMBER 2016 AT 10.00 AM.

The following members were present:

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| 1. Dr. Narendra S. Chaudhari, Director, VNIT, Nagpur | - Chairman |
| 2. Dr. Rajendra Yerpude Dean(P & D) VNIT, Nagpur | - Member |
| 3. Dr.S.C.Sahasrabudhe,BoG Nominee | - Member |
| 4. Mr.Pradip S Rathi,PWD Representative | - Member |
| 5. Mr. Ravindra Akulwar,PWD Representative | - Member |
| 6. Dr. S.R. Sathe, Registrar, VNIT, Nagpur | - Member Secretary |

Shri Vishramji Jamdar, Chairman BoG graced the BWC meeting.

Dr.Anirban Mandal, Associate Dean(New Constructions), Dr. Vijay Kale, Associate Dean (Electrical), Shri K G Barapatre , Ex. Engineer (Maintenance) and the representatives from NBCC Ltd. & CPWD were present for the meeting.

The Spacewood Furniture Pvt. Ltd., Nagpur gave the presentation regarding furniture requirement of New Construction activity of VNIT Nagpur.

BWC 41.01 To confirm the minutes of the 40th meeting of the Building and Works Committee conducted on 2nd September 2016.

The minutes of the 40th meeting of the BWC are placed at Annexure-I.

The BWC is requested to confirm.

Resolution: BWC confirmed the minutes.

BWC 41.02 Action Taken Report on the minutes of the 40th meeting of the BWC .

BWC 40.03	<p><i>To approve the tender for the work of Internal & External painting of various Staff Quarters at VNIT, Nagpur.</i></p> <p><i>As approved by the B & W Committee in its 39th meeting held on 3rd March 2016, tender notice was published on 23rd April 2016 in various newspapers and on website of the Institute. Invited tenders from registered Contractors of Maharashtra P.W.D/ Central P.W.D/ MJP/ MES/ P & T were opened on 10/05/2016. Estimated cost put to tender was Rs.35,21,540/-.</i></p> <p><i>Highlights of the above work are:</i></p> <ul style="list-style-type: none">• Whitewash• Acrylic emulsion paint to walls• Synthetic enamel paint• External emulsion waterproof cement paint
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Following tenders were received and trend was as under.		
Name of Contractors	Amount quoted	Remarks
M/s. D.V. Patel & Co. Shankar Nagar, Nagpur	Rs. 29,26,500	16.90% Below
M/s. Farooque Shaikh M. Shaikh, Rambagh Road, Nagpur	Rs. 25,91,100	26.42% Below
M/s. Johnny Construction, Khamla, Nagpur	Rs. 26,72,400	24.11% Below
M/s N. H. Construction Khamla, Nagpur	Rejected	Non submission of latest Income tax return
M/s Triveeni Constructions Ramdaspeth, Nagpur	Rejected	Non submission of Registration Certi. & VAT clearance Certi.
M/S Northeast Construction, Kamptee, Nagpur	Rejected	Non submission of work done Certi. of required amount, Registration certi. & VAT Registration & Clearance
M/s S.D.Waghamashi, Somahwada, Nagpur	Rejected	Non submission of latest ITR, VAT registration & Clearance, work done certi of required amount.
The tender of M/s. Farooque Shaikh M. Shaikh, Rambagh Road, Nagpur was quoted the lowest considering the estimated cost of the work.		
Building and Works Committee is requested to approve the tender.		

Resolution: BWC approved the proposal.

Action Taken: The necessary action has been initiated.

BWC 40.04	<p>To approve the tender for the work of Refurbishment of Kitchen of various Staff Quarters at VNIT, Nagpur.</p> <p>As approved by the B & W Committee in its 39th meeting held on 3rd March 2016, tender notice was published on 23rd April 2016 in various newspapers and on website of the Institute. Invited tenders from registered Contractors of Maharashtra P.W.D/ Central P.W.D/ MJP/ MES/ P & T were opened on 10/05/2016. Estimated cost put to tender was Rs. 35,33,867/-.</p> <p>Highlights of the above work are:</p> <ul style="list-style-type: none">Granite kitchen platformAluminum sliding window & grillCupboard shuttersCeramic tile for dado & floor of platformStainless steel sinkPlumbing fittings <p>Following tenders were received and trend was as under.</p> <table><tr><th>Name of Contractors</th><th>Amount quoted</th><th>Remarks</th></tr><tr><td>M/s. Sagar Construction, Laxmi Nagar, Nagpur</td><td>Rs. 33,09,427</td><td>06.35% Below</td></tr><tr><td>M/s. Farooque Shaikh M. Shaikh, Rambagh Road, Nagpur</td><td>Rs. 27,83,256</td><td>21.24% Below</td></tr><tr><td>M/s. B.P. Ukey, Giripeth, Nagpur</td><td>Rs. 32,02,935</td><td>09.36% Below</td></tr><tr><td>M/s N. H. Construction Khamla, Nagpur</td><td>Rejected</td><td>Non submission of latest Income tax return</td></tr></table> <p>The tender of M/s. Farooque Shaikh M. Shaikh, Rambagh Road, Nagpur was quoted the lowest considering the estimated cost of the work.</p> <p>Building and Works Committee is requested to approve the tender.</p>	Name of Contractors	Amount quoted	Remarks	M/s. Sagar Construction, Laxmi Nagar, Nagpur	Rs. 33,09,427	06.35% Below	M/s. Farooque Shaikh M. Shaikh, Rambagh Road, Nagpur	Rs. 27,83,256	21.24% Below	M/s. B.P. Ukey, Giripeth, Nagpur	Rs. 32,02,935	09.36% Below	M/s N. H. Construction Khamla, Nagpur	Rejected	Non submission of latest Income tax return
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<p>Resolution: BWC approved the proposal.</p> <p>Action Taken: The necessary action has been initiated.</p>																
BWC 40.05(i)	<p>To approve the detailed estimates of Internal & external painting of H.B. No.1,4, 6-7 & 8-9 at VNIT.</p> <p>The internal painting of Hostel Block No. 1,4, 6-7 & 8-9 was carried out more than three years earlier. The wall surfaces and doors, grills, window surfaces looks very shabby and it is due for internal painting. As per maintenance norms, it is to</p>															

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	<p>be taken up after every three years. Secondly, external painting of Hostel Block No.6-7 & 8-9 was carried out more than five years earlier. The external wall surface looks very shabby. It is therefore proposed to carry out internal & external painting of above said Hostel Blocks.</p> <p>The detailed estimate is prepared on the basis of CSR of State PWD 2015-16 and placed at Annexure-II. The estimated cost of the above said work is Rs. 161.40 Lac.</p> <p>The Building and Works Committee is requested to approve the estimate.</p>
BWC40.05(ii)	<p>To approve the detailed estimates of Internal & external painting of H.B. No. 3, 10, 10 extension, old & extension Girls Hostel at VNIT.</p> <p>The internal painting of Hostel Block No. 3, 10, 10 extn, old & extension Girls Hostel was carried out more than three years earlier. The wall surfaces and doors, grills, window surfaces look very shabby and it is due for internal painting. As per maintenance norms, it is to be taken up after every three years. Secondly, external painting of Hostel Block No.10, 10 extn, old girls Hostel was carried out more than five years earlier. The external wall surface looks very shabby. It is therefore proposed to carry out internal & external painting of above said Hostel Blocks.</p> <p>The detailed estimate is prepared on the basis of CSR of State PWD 2015-16 and placed at Annexure-III. The estimated cost of the above said work is Rs. 99.32 Lac.</p> <p>The Building and Works Committee is requested to approve the estimate.</p>

Resolution: BWC approved the proposals of Item No BWC 40.05(i) and BWC 40.5(ii) & recommended the same to Finance Committee.

Action Taken: Recommendations of FC has been placed in BoG vide item no BoG 52.05 and BoG noted the items.

BWC 40.06 Any other item with the permission of Chair.

BWC 40.06 .01 To approve cost summary of furniture required for New Construction Buildings at VNIT NAGPUR.

The cost summary of furniture as per the requirement submitted by Associate Dean(New Construction) for New Construction Buildings at VNIT NAGPUR amounting to Rs. 30,53,62,736.10 is enclosed(Annexure No IV).

The BWC is requested to approve.

Resolution: BWC recommended the proposal for its approval by finance committee and Board of Governors.

For furniture procurement the NBCC Ltd. should submit proposal along with terms and conditions to BWC for its approval.

Action Taken: The revised proposal along with presentation will be given in 41st BWC.

Resolution: BWC has noted the action taken report with the observation that as per the resolution no 39.05, regarding setting up of sewage treatment plant M/s NBCC Ltd. should submit a detailed report for consideration in next BWC meeting.

BWC 41.03 Installation of Solar Panels and Units on VNIT buildings and pathways.

As per BWC item no. 39.04, BWC approved the Installation of Solar Panels and Units on VNIT buildings and pathways in principle(as per the table given below) with the suggestion to follow up the proposal depending on the availability of the funds.

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Sr No	Particulars of the area available for solar installation	Area in sq meters	Estimated Power generation capacity	Installation Cost without subsidy at @ Rs.80000 per KW	Installation Cost at @ Rs.80000 per KW with 15 % subsidy.
1	Academic and Administrative Buildings Terrace.	21595	7650 KW	Rs.60.90 Crores.	Rs.51.80 Crores.
2	Hostels and Guest House	19261			
3	Proposed Pathways Top	70325			

Hence, initially VNIT NAGPUR proposes to setup roof top Solar PV Power system on few buildings for generation of 335 KW power, the estimated cost of which is Rs. 184.25 Lacs.

It is proposed to set up roof top solar PV power system under CAPEX model. This Solar PV power system has to be procured by taking loan from bank and institute has to pay the EMI after availing subsidy. This EMI will get adjusted against the power consumption bill of the institute. Therefore, there will be no financial burden of capital expenditure as well as EMI. The details of the CAPEX proposal is enclosed in **Annexure-II**.

The BWC is requested recommend the proposal.

Resolution: Based on the presentation given by Dr.V.S.Kale, Associate Dean (Electrical Main.), BWC recommends the CAPEX proposal to Finance committee. It is also resolved that the detail technical report should be submitted to next BWC after discussion with Maharashtra State Electricity authorities.

BWC 41.04 To approve the tender for procurement of Indoor Transformer 800 KVA, 11KV/433 Volts for substation "A", Vacuum circuit breaker at Sub Station "B" and laying of HT Cable from Sub Station "C" to Sub Station "A" in the V.N.I.T Campus.

The proposal for Supply ,Erection ,Testing and Commissioning of Indoor Transformer 1000 KVA,11KV/433 Volts at substation "A" ,Vacuum circuit breaker at Sub Station "B" and Supplying / laying of HT Cable from Sub Station "C" to Sub Station "A" in the V.N.I.T Campus along with detail cost estimated expenditure is given in 39th BWC.

The summary of work to be carried out is as given below:

i) **Laying of HT Cable from Sub Station "C" to Substation "A"** As 1000 KVA Transformer would replace 250KVA transformer thus raising the capacity. Existing HT cable has joints .To work with increased capacity , it is proposed to lay new HT cable from Sub Station "C" to Substation "A".

ii) **Erection and Commissioning of Indoor Transformer 1000 KVA,11KV/433 Volts at substation "A"**, electrical load of our VNIT campus, NBCC, IIM is increasing day by day. NBCC alone needs 250 KW for construction purpose. Hence the transformer at our Sub Station "A" is getting overloaded. Sanction demand for VNIT is 1000 kVA and in summer it increases is to about 1150 kVA. In order to sustain the future load and avoid major

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breakdown, it is proposed to replace the existing one transformer of 250 kVA by 800 kVA. This existing 250KVA transformer will be installed at substation "B" as also the load on hostel side is increasing day by day.

iii) **Erection and Commissioning of Vacuum circuit breaker at Sub Station "B".** 250KVA transformer proposed to be installed at substation "B" need additional VCB with accessories to be installed. Civil construction need to modified for this purpose.

As per the 39th BWC resolutions, the tender was floated and the following quotations are received.

VNIT Estimated cost- Rs.56, 99,939=00

<i>Name of Contractors</i>	<i>Amount quoted</i>	<i>Remarks</i>
M/s. V.R.Associates	Rs. 44,52,000	21.89% Below
M/s. SOM Electricals	Rs. 39,26,950	31.11% Below
M/s.YOGIRAJ POWERTECH PVT. LTD.	Rs. 57,65,127	1.14% Above

M/s. SOM Electricals has quoted the lowest(31.11% Below) considering the estimated cost of the work. Rates of certain items quoted by M/s Som Electrical are very low as compared to market rates of these items.

The Comparison of rates of these contractors are given in **Annexure-III**.

Building and Works Committee is requested to give directives.

Resolution: BWC approved the tender of M/s SOM Electricals being lowest. However, they should submit the undertaking regarding the quality of material to be supplied along with reputed makes of various items to be supplied. The quality of work should be assured and the transformer should be of 5 star specifications.

BWC 41.05 The Progress Report of New Construction-Class Room Complex Building work executed by CPWD.

The Progress Report of New Construction-Class Room Complex Building work executed by CPWD is given in **Annexure-IV**.

BWC is requested to note.

Resolution: The Progress Report of New Construction-Class Room Complex Building work executed by CPWD is noted. BWC suggested that the meeting of Contractor, CPWD and VNIT Officials be arranged for early completion of the construction activity executed through CPWD.

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BWC 41.06 The Progress Report of New Construction work executed by NBCC Ltd.

The Progress Report of New Construction works executed by NBCC is given in **Annexure-V**.

The new construction activities carried out by M/s NBCC Ltd are in full swing and smooth flow of funds are desired for timely execution of the said works.

BWC is requested to note.

Resolution: The Progress Report of New Construction works executed by NBCC Ltd. is noted. BWC resolved that the suggestion regarding the kitchen equipments be worked out in consultation of Dean(P & D).

BWC 41.07 To recommend revised estimate of furniture required for New Construction Buildings at VNIT NAGPUR.

As per 40th BWC, item no 40.06 .01 ,the revised estimate of furniture required for New Construction Buildings at VNIT NAGPUR is enclosed in **Annexure-VI** the approximate cost is Rs.25 Crores.

BWC is requested to recommend.

Resolution: The BWC recommends to finance committee the revised estimate of furniture required for New Construction Buildings at VNIT NAGPUR. BWC also resolved that the agency charges be negotiated.

BWC 41.08 Any other item with the permission of Chair.

BWC 41.08 .01 To recommend tentative cost estimates of additional items for new constructions executed by NBCC Ltd.


The NBCC Ltd. has submitted a letter requesting to approve tentative cost estimates of additional items for new constructions. (**Annexure-VII**)

BWC is requested to recommend.

Resolution: BWC recommends following cost estimates of additional items for new constructions.

- i) Ceramic Dado in Hostel Corridor(1.00 meter)- Rs. 27.46 lacs.
- ii) Wall mixture with under counter basin and two health faucet-Rs.17.00Lacs.
- iii)Service Lift in Boys Mega Mess- Rs.12.5 Lacs.

The meeting concluded with the vote of thanks to the chair.


Chairman-BWC

