



સરદાર વલ્લભભાઈ રાષ્ટ્રીય પ્રૌદ્યોગિકી સંસ્થાન, સુરત
SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT
સરદાર વલ્લભભાઈ રાષ્ટ્રીય પ્રૌદ્યોગિકી સંસ્થા, સુરત

SVNIT

C/BWC(52)/1604

Date: 22/07/2013

CIRCULAR

SUB: Minutes of the 52nd Meeting of the Building & Works Committee held on 01/07/2013.

Enclosed please find a copy of the Minutes of the 52nd meeting of the Building & Works Committee for Sardar Vallabhbhai National Institute of Technology, Surat held on 01/07/2013 in the Conference Room of the NIT, Transit House, A-1/267, Safdarjung Enclave, New Delhi for your information.

The comments, if any, may please be sent at the earliest.

Encl.: As above


(H. A. PARMAR)
MEMBER-SECRETARY

To,
The Chairman, B & WC
All concerned members of the B & WC

Copy f.w.c.s. for information:

Shri Rajesh Singh, Director (NITs), Govt. of India, MHRD (Deptt. of Secondary & Higher Education), C-326, Shastry Bhavan, New Delhi – 110 001



SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT

Minutes for the 52nd meeting of the *Building & Works Committee* of the Sardar Vallabhbhai National Institute of Technology Surat held on *Monday, the 1st July, 2013 at 10:00 a.m.* onwards in *Conference Room of the NIT, Transit House, A-1/267, Safdarjung Enclave, New Delhi.*

The following members remained present.

- | | | | |
|----|---|---|------------------|
| 1) | Dr. P.D. Porey
Director, SVNIT, Surat | : | Chairman |
| 2) | Shri Navin Soi
Director (IFD), MHRD, New Delhi. | : | Member |
| 3) | Shri Rajesh Singh
Director (NITs), MHRD, New Delhi. | : | Member |
| 4) | Shri H. R. Menat
Supdt. Engr.,
R&B Circle, Surat. | : | Member |
| 5) | Dr. S. A. Vasanwala
Dean (P&D), SVNIT, Surat. | : | Member |
| 6) | Dr. Ranjit Roy
Prof. I/C. Elect. & Comm. System,
SVNIT, Surat. | : | Special Invitee |
| 7) | Shri S.C. Shoemaker
Addl. Asstt. Engr., SVNIT, Surat. | : | Special Invitee |
| 8) | Shri A. V. Deshingkar
Advisor, Civil Works
SVNIT, Surat | : | Special Invitee |
| 9) | Shri H. A. Parmar
Registrar, SVNIT, Surat. | : | Member-Secretary |

Shri Rajesh Bhagwani, Executive Engineer (Electrical.), CPWD, Gandhinagar and Dr. N. J. Mistry, Professor, CED, SVNIT, Surat could not attend the meeting.

At the outset, the Member-Secretary welcomed the Chairman and members of B&WC especially Shri Navin Soi, Director (IFD), Shri Rajesh Singh, Director(NITs), MHRD, New Delhi, Shri H. R. Menat, Supdt. Engineer, R & B Circle, Surat and Shri A. V. Deshingkar, Advisor, Civil Works, SVNIT, Surat for sparing their valuable time in spite of their busy schedule.

The following business was transacted:

Item 1: To confirm the minutes of the 51st meeting of the Building & Works Committee held on 06/02/2013.

Reso.1: "Resolved to confirm the minutes of the 51st meeting of the Building & Works Committee held on 06/02/2013."

Item 2: To note and approve the action taken on the resolutions passed at the 51st meeting of the Building & Works Committee held on 06/02/2013.

Reso.2: "Resolved to note and approve the action taken on the resolutions passed at the 51st meeting of the Building & Works Committee held on 06/02/2013."

Item: 3 To consider and approve the estimate for the work of Addition & Alteration work in Workshop at SVNIT, Surat for the estimated cost of Rs.5,93,820/-.

Reso.3: "Resolved to consider and approve the estimate of Rs.5,93,820/- for the work of Addition and Alteration work in Workshop at SVNIT, Surat and also approved to invite tenders through nationwide open advertisement and uploading the same on Institute website (APPENDIX: 3.1)."

Item: 4 To consider and approve the estimate for the Civil Work for Landscaping of Hostel No. 4 in SVNIT, Surat for the estimated cost of Rs.24,74,300/-.

Reso.4: "Resolved to consider and approve the estimate of Rs.24,74,300/- for the Civil Work for Landscaping of Hostel No. 4 in SVNIT, Surat and also approved to invite tenders through nationwide open advertisement and also uploading the same on Institute website (APPENDIX: 4.1)."

Item: 5 To consider and approve the final price escalation bill for overall 1st to 7th quarter as per clause no. 10 cc of CPWD manual for the Construction of Multistoried Boy's Hostel executed by Engineering Project (India) Ltd., New Delhi.

Reso.5: “Resolved to recommend to the Board to approve the final price escalation bill (for overall 1st to 7th quarter) as per clause No.10 CC of CPWD manual for the Construction Work of Multistoried Boy’s Hostel for total price variation entitlement of (8 quarters) of Rs.2,09,60,465.28; out of which Rs.1,49,79,268.00 has already been paid under running payments & approve to release the balance payment of Rs.59,81,197.28 to the M/s EPIL, New Delhi towards final price escalation bill, against the demanded price escalation bill of Rs.66.90 lac.”

Item:6 To consider and approve the estimate for the work of Water Proofing at B & C – type Buildings in SVNIT, Surat for the estimated cost of Rs.15,60,620/-.

Reso.6: “Resolved to consider and approve the estimate of Rs.15,60,620/- for the work of Water Proofing at B & C – type Buildings in SVNIT, Surat and also approved to invite tenders through nationwide open advertisement and also uploading the same on Institute website (APPENDIX: 6.1).”

Item:7 To consider and approve the recommendation of the tender committee to award the work of “Construction of Under Ground Sump at Bhabha Bhavan at SVNIT, Surat”. Estimated Cost Rs.18,51,810/-

Reso.7: “Resolved to approve the recommendation of the Tender Committee for awarding the work of “Construction of Under Ground Sump at Bhabha Bhavan at SVNIT, Surat” to M/s R. O. Agrawal of Surat at the 1.96% below the estimated cost of Rs.18,51,810/- being a first lowest tenderer (APPENDIX: 7.1).”

Item:8 To consider and recommend to the Board the recommendation of the tender committee to award the work of “Construction of Electric Substation – 5 in SVNIT, Surat”. Estimated Cost Rs.56,02,900/-

Reso.8: “Resolved to recommend the Board to approve the recommendations of the Tender Committee for awarding the work of “Construction of Electrical Substation -5 at SVNIT, Surat” to M/s Kuldevi Krupa Construction Co. of Surat at 4.60% above the estimated cost of Rs.56,02,900/- being a first lowest tenderer (APPENDIX: 8.1).”



- Item: 9** **To consider and approve the proposal of “Electrical installation, testing and commissioning of L.T. cables to various places at SVNIT, Surat.” Estimated Cost of Rs.18,63,020/-**
- Reso.9:** “Resolved to approve the estimate of Rs.18,63,020/- for “Electrical Installation, testing and Commissioning of L. T. Cables to various places at SVNIT, Surat and also approved to invite tenders through nationwide open advertisement and uploading the same on Institute website (APPENDIX: 9.1).”
- Item: 10** **To consider and approve the recommendation of the tender committee to award the work of “Annual Maintenance Contract for 8 nos. of elevator (Johnson Make) installed at Mother Teresa Bhavan, SVNIT, Surat.” Estimated Cost Rs.6,86,860/-**
- Reso.10:** “Resolved to approve the recommendation of the Tender Committee for awarding the work of “Annual Comprehensive Maintenance Contract for 8 Nos. of elevator (Johnson make) installed at Mother Teresa Bhavan, SVNIT, Surat” to M/s Johnson lifts Pvt. Ltd. being a proprietary product at the estimated cost of Rs.6,51,912/- inclusive of service tax (APPENDIX: 10.1).”
- Item: 11** **To consider and approve the recommendation of the tender committee to award the work of “Electrical power supply provision from substation-5 to Advanced Research Centre for Civil Engineering at SVNIT, Surat.” Estimated Cost Rs. 24,96,860/-**
- Reso.11:** “Resolved to approve the recommendation of the Tender Committee for awarding the work of “Electrical Power Supply provisions from Substation – 5 to Advanced Research Centre for Civil Engineering at SVNIT, Surat” to M/s L. L. Electricals, Rajkot at the 26.66% below the estimated cost of Rs.24,96,860/- being a first lowest tenderer (APPENDIX: 11.1).”
- Item: 12** **To note and consider the recommendation of the tender committee to re-invite the tenders for the work of “Supply, Installation, Testing & Commissioning two numbers of 500 KVA Heavy Duty Diesel Generator Set with Alternator, Acoustic Enclosure Canopy and Synchronization cum Auto Mains Failure Panel for 500 KVA 2 Nos. with allied works for cabling, Civil work for foundation with earthing at Substation-5 at SVNIT, Surat..” for the estimated Cost Rs.1,14,18,696/- - regarding.**

Reso. 12: “Resolved to note and consider the recommendations of the Tender Committee to re-invite the Tender for awarding the work of “Supply, Installation, Testing & Commissioning two numbers of 500 KVA Heavy Duty Diesel Generator Set with Alternator, Acoustic Enclosure Canopy and Synchronization cum Auto Mains Failure Panel for 500 KVA 2 Nos. with allied works for cabling, Civil work for foundation with earthing at Substation-5 at SVNIT, Surat..” at the estimated cost of Rs.1,14,18,696/- (APPENDIX: 12.1).”

Item from Chair:

Item: 13 To consider and discuss the proposal to Construct the Kitchen at Bhabha Bhavan Hostel and to construct road around P.G. Boys Hostel (Swami Vivekanand Bhavan), P.G. Girls Hostel (Mother Teresa Bhavan) as well as from SVNIT Main Gate to fountain near Canteen through already approved contract under implementation for Construction of Class Room Complex at SVNIT, Surat.

Reso. 13: The committee discussed the agenda item in detail and the following reasons taken into account for considerations:

- i) There is a badly need of construction of road work surrounding Swami Vivekanand Bhavan and Mother Teresa Bhavan and main entrance road due to monsoon.
- ii) The work of construction of Class Room Complex has been allotted to M/s NBCC in which savings has been observed and M/s NBCC is Govt. of India undertaking hence proposed work be considered.
- iii) M/s NBCC is also ready to undertake the approved items i.e RCC work, Reinforcement, Brick work, Aluminum work, flooring, Water Bound Macadam etc. for execution and proposed item is also approved in his approved tender. Further, as informed by the M/s NBCC, there is a saving of about Rs.5.68 crore in Class Room Complex work and savings has been observed in RCC, Reinforcement, Brick work, Aluminum work etc. as initially, the work was assigned to M/s EPIL and consultant was appointed by them and same architect was engaged

to avoid any litigation. Further, originally the raft thickness was considered 75 cm by the consultant. However after carrying out Geo Technical Investigation and testing as also after sharing the experience of other construction of SVNIT, the detail structural design were finalized (after award) which shows the raft thickness of 45 cm suffice the purpose. This result in saving of concrete quantity and reinforcement steel.

The proposed item for execution i.e. Construct the Kitchen (RCC, Reinforcement and Brick work etc.) at Bhabha Bhavan Hostel and to construct RCC Road around P.G. Boys Hostel (Swami Vivekanand Bhavan), P.G. Girls Hostel (Mother Teresa Bhavan) as well as from SVNIT Main Gate to fountain near Canteen (RCC, Reinforcement and Brick work etc.) through already approved contract under implementation for Construction of Class Room Complex at SVNIT, Surat. The complete Details of savings items observed in construction of class room complex at SVNIT, Surat is as under.

S.N	Item descriptions	Unit	Estimated Qty	Actual Qty	Saving Qty	Saving Amtts. (In Lacs)
1	R.C.C.	Cum	8185	6025	2160	115
2	Reinforcements	M.T.	1276	765	511.3	277
3	Brick work with F.P.S. bricks & Flyash	Cum	3699	1427	2272	50
4	Aluminium work in door, win. Shutters	Kg	15000	12000	3000	15
5	Aluminium windows	Sqm	700	400	300	15
5	S/F/F Curtain wall str. Glazing.	Sqm	1520	1220	300	21
6	P/L Vitrified tiles in floorings. Granite, marble etc.	Sqm	10845	7700	3145	29
7	Miscellaneous items like- pcc, earth work, steel work, roofing, water proofing etc.					36
					Total	558

Remarks : Initially the consultant was appointed by EPIL, SVNIT instructed us to retain the same consultant and keep the same architectural planning, structural designing as well as Bill of Quantities . Though the tender work floated twice by EPIL and it was not selected any tenderer. As per the approved decision NBCC was order to take up the implementation of Classroom complex. Originally the raft thickness was considered 75cm by the consultant. However after carrying out Geo Technical Investigation and testing as also after sharing the experience of other construction works carried out at SVNIT, the detail structural design were finalized (after award) which shows the raft thickness of 45 cm suffice the purpose. This result in saving of concrete quantity and reinforcement steel.

The proposed work will be executed from the savings of majority items of respective savings.

(Rs. in Lacs)

Sr. No	Major Items	Construction of Road around Boy's Hostel		Construction of Road around Girls Hostel		Construction of Road from Main gate to Fountain		Construction of Kitchen at Bhabha Bhavan		Total
		Qty	Amt. (Rs.)	Qty	Amt. (Rs.)	Qty	Amt. (Rs.)	Qty.	Amt. (Rs.)	Amt. (Rs.)
(a)	Excavation, filling, supply & stacking of materials etc.	--	21.95	--	4.0	--	--	--	9.01	34.96
(b)	R.C.C. M :25	810 cum.	36.23	1152 cum.	51.52	1042 cum.	46.60	--	45.39	280.19
(c)	C.C. 1: 3 :6	324 cum.	9.05	371 cum.	10.35	417 cum.	11.64			
(d)	C.C.1:2:4	26 cum.	0.84	815 cum.	26.53	58 cum.	1.88			
(e)	Reinforcement	30532 Kg	13.04	29948 Kg	12.78	33627 Kg	14.34			
(f)	P/L Kerb Stone/ interlocking paver blocks, RCC hum pipes etc.	--	17.71	--	25.02	--	28.24	--	--	70.97
(g)	Brick work, Plastering etc.	--	--	--	--	--	--	--	2.02	2.02
(h)	Flooring	--	--	--	--	--	--	340 Sqmt.	5.68	5.68
(i)	Aluminum, proofing, finishing etc.	--	--	--	--	--	--	--	11.34	11.34
(j)	Water supply, Sanitary & Electrical system	--	--	--	--	--	--	--	4.22	4.22
	Total (A)	--	98.82	--	130.20	--	102.70	--	77.66	409.38
	Add tender premium @ 27% on A (B)	--	26.68	--	35.15	--	27.73	--	20.96	110.52
	Total (A+B)	--	125.50	--	165.35	--	130.43	--	98.62	519.90

iv) The proposed execution of work is financially beneficial to the institute as agency will execute the work at approved rate of class room complex tender duly approved by the SVNIT.

v) To avoid any kind of claim for loss of profit by the executing agency.

vi) Considering the recent market rate of all items of the proposed work as per CPWD rate. Therefore, proposed work is more beneficial and can be completed within short time compared to initiating a fresh. Further, there is no need of additional fund as well as granting of additional time.

Keeping in view on the above the committee unanimously adopted the following resolutions:

“Resolved to execute the proposed construction of the Kitchen at Bhabha Bhavan Hostel and road surrounding the P.G. Boys Hostel (Swami Vivekanand Bhavan), P.G. Girls Hostel (Mother Teresa Bhavan) as well as from SVNIT Main Gate to fountain near Canteen through already approved contract under implementation for Construction of Class Room Complex at SVNIT, Surat by M/S NBCC”

Item: 14 **To consider and approve the preliminary estimate for Extension of Mechanical & Computer Engineering Department Buildings awarded to M/s. NBCC, New Delhi.**

Reso. 14: “Resolved that the detailed estimate alongwith the planning and its layout approved to place before the Board in ensuing meeting.” ✓

Item: 15 **To consider and discuss the Preliminary technical Report on repair and restoration work of Civil Engineering Department and Applied Mechanics Department.**

Reso. 15: “Resolved to engage consultant/expert by inviting offers through short term tender notice in nationwide dailies and also uploaded on institute website and be reported in ensuing meeting of Building and Works committee scheduled to be held in second/third week of July, 2013 at Surat.”

“Further, resolved that any kind of assessment/testing/urgent work be carried out by the institute from their learned faculty members without any financial implications.”

Item: 16 **To consider and note the status of the work of “Construction and Installation of Lawn Tennis Court in SVNIT, Surat”. Estimated Cost Rs.1,21,70,900/-**

Reso. 16: “Resolved to re-invite the tender.”

Item: 17 To consider the proposal of "Electrical Installation work for separation of power supply of air-conditioner from Diesel Generator Set for the departments of COED, CCC and ASH from substation-5 at SVNIT, SURAT" Estimated Cost Rs. 24,42,100/-

Reso. 17: "Resolved to approve the estimate of Rs.24,42,100/- for "Electrical Installation work for separation of power supply of air-conditioner from Diesel Generator Set for the departments of COED, CCC and ASH from substation-5 at SVNIT, SURAT" and also approved to invite tenders through nationwide open advertisement and also uploading the same on institute website (APPENDIX: 17.1)."

Item: 18 To consider the proposal of "Annual Operation and Maintenance Contract for Diesel Generator Sets at SVNIT, Surat" Estimated Cost Rs.30,49,619/-

Reso. 18: "Resolved to accept the recommendations made by the technical scrutiny Committee and recommended to the Board to approve the proposal of "Annual Operation and Maintenance Contract for Diesel Generator Sets at SVNIT, Surat" Estimated Cost Rs.30,49,619/-."

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


(H.A. PARMAR)
MEMBER SECRETARY
BUILDING & WORKS
COMMITTEE


(Dr. P.D. POREY)
CHAIRMAN
BUILDING & WORKS
COMMITTEE

