



Er. H.P. Singh  
Executive Engineer

ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ ਜਲੰਧਰ

**PTU** PUNJAB  
TECHNICAL  
UNIVERSITY

Estd. Under Punjab Technical University Act, 1996  
(Punjab Act No. 1 of 1997)

Ref No

PTU/EE/1130

Date 11.10.12

**The Director,**  
Department of Technical Education and  
Industrial Training, Punjab,  
Plot No. 1, Sector-36A, Chandigarh.

**Sh. Amrit Sagar Mittal**  
CMD,  
Sonalika Tractors Ltd, Hoshiarpur.

**Dr. Nachhattar Singh,**  
Director, PITTR,  
Punjab Technical University, Jalandhar.

**Dr. J. S. Hundal,**  
Campus Director, PTU GZSCET,  
Bathinda.

**Dr. Prabhjot Kaur (Special Invitee),**  
In-charge PTU's Mohali Campus,  
C102B, Phase VII Industrial Area,  
Mohali.

**Sh. S.L. Kaushal,**  
Chief Architect, Punjab (Retd),  
2865, Sector 42-C,  
Chandigarh.

**Sh. Deepak Mittal,** Chairman, CII,  
Managing Director,  
Sonalika Tractors Ltd, Hoshiarpur.

**Dr. H. S. Bains,**  
Registrar,  
Punjab Technical University, Jalandhar.

**Sh. S. K. Mishra,**  
Director/Finance,  
Punjab Technical University, Jalandhar.

**Sh. Rajiv Aggarwal,**  
M/s Archigroup Architects,  
A-14, Sector-15, Noida -201301.

**Sub : Construction of new campuses of Punjab Technical University – 36<sup>th</sup> meeting of  
the Standing Building Construction Committee.**

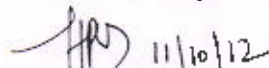
Dear Sir/Madam,

36<sup>th</sup> meeting of the Standing Building Construction Committee, scheduled to be held on  
22.10.2012 has been postponed and the same will now be held on 23.10.2012 at 1430 hours  
in the office of Director General, PGSC at SCO 60-61 (3<sup>rd</sup> floor), Sector 34-A, Chandigarh.  
Agenda and Agenda note has already been sent.

You are requested to make it convenient to attend the meeting.

Thanking you

Yours Sincerely,

  
(H. P. Singh)

Executive Engineer

Copy to : Dr. R. S. Khandpur, DG, PGSC, SCO 60-61, Sector 34-A, Chandigarh.

**eINDIA 2010**  
AWARDS  
Recognising excellence in ICT

Award of the Year

CT Enabled

Ministry of the Year

Open & Distance Learning

Ministry of the Year

Punjab Technical University Jalandhar

Kapurthala Campus : Jalandhar-Kapurthala Highway, Kapurthala.  
Mobile : 9501109042 www.ptu.ac.in E-Mail : exeptu@gmail.com



Er. H.P. Singh  
Executive Engineer

ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ ਜਲੰਧਰ

**PTU** PUNJAB  
TECHNICAL  
UNIVERSITY

Estd. Under Punjab Technical University Act, 1996  
(Punjab Act No. 1 of 1997)

Ref No

PTU/CE/12/4

Dated 08/10/12

**The Director,**  
Department of Technical Education and  
Industrial Training, Punjab,  
Plot No. 1, Sector-36A, Chandigarh.

**Sh. Amrit Sagar Mittal**  
CMD,  
Sonalika Tractors Ltd, Hoshiarpur.

**Dr. Nachhattar Singh,**  
Director, PITTTR,  
Punjab Technical University, Jalandhar.

**Dr. J. S. Hundal,**  
Campus Director, PTU GZSCET,  
Bathinda.

**Dr. Prabhjot Kaur (Special Invitee),**  
In-charge PTU's Mohali Campus,  
C102B, Phase VII Industrial Area,  
Mohali.

**Sh. S.L. Kaushal,**  
Chief Architect, Punjab (Retd),  
2865, Sector 42-C,  
Chandigarh.

**Sh. Deepak Mittal,** Chairman, CIL,  
Managing Director,  
Sonalika Tractors Ltd, Hoshiarpur.

**Dr. H. S. Bains,**  
Registrar,  
Punjab Technical University, Jalandhar.

**Sh. S. K. Mishra,**  
Director/Finance,  
Punjab Technical University, Jalandhar.

**Sh. Rajiv Aggarwal,**  
M/s Archigroup Architects,  
A-14, Sector-15, Noida -201301.

**Sub : Construction of new campuses of Punjab Technical University – 36<sup>th</sup> meeting of  
the Standing Building Construction Committee.**

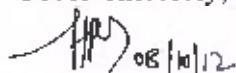
Dear Sir/Madam,

36<sup>th</sup> meeting of the Standing Building Construction Committee shall be held under the  
Chairmanship of Dr. R. S. Khandpur, Director General, PGSC at 1430 hours on 22.10.2012  
in his office at SCO 60-61 (3<sup>rd</sup> floor), Sector 34-A, Chandigarh. Agenda and Agenda note for  
the meeting are enclosed.

You are requested to make it convenient to attend the meeting.

Thanking you

Yours Sincerely,

  
(H. P. Singh)

Executive Engineer

Copy to : Dr. R. S. Khandpur, DG, PGSC, SCO 60-61, Sector 34-A, Chandigarh.

**eINDIA 2010**

AWARDS  
Recognising excellence in ICT

Award of the Year

CT Enabled

University of the Year

Open & Distance Learning

Institute of the Year

**Punjab Technical University Jalandhar**

Kapurthala Campus : Jalandhar-Kapurthala Highway, Kapurthala.

Mobile : 9501109042 www.ptu.ac.in E-Mail : exeplu@gmail.com

# PUNJAB TECHNICAL UNIVERSITY, JALANDHAR

Sub : Agenda for the 36<sup>th</sup> meeting of the Standing Building Construction Committee.

- Item No. 36.1 : To confirm the Minutes of 35<sup>th</sup> meeting of Standing Building Construction Committee held on 13.08.2012.
- Item No. 36.2 : Action taken on various items discussed during previous meetings of Standing Building Construction Committee.
- Item No. 36.3 : To discuss and finalize the plans of Punjab Institute of Technical Teachers Training and Research (PITTTR) proposed to be established at Ladowali Road, Jalandhar.
- Item No. 36.4 : To discuss and approve the Master Plan, Building plans and finishing schedule for the proposed buildings for Punjab Institute of Technology at Nandgarh, Bathinda
- Item No. 36.5 : To discuss and finalize the scope of the Architect for proposed buildings at PTU GZSCET, Bathinda Campus.
- Item No. 36.6 : To discuss and review the scope of work of the Architect already engaged by PTU in light of the facts that the major construction works of the University are to be got done from Punjab PWD.
- Item No. 36.7 : To discuss and finalize the executing agency for construction of proposed new buildings for PITTTR at Ladowali Road, Jalandhar and Punjab Institute of Technology, Nandgarh, Bathinda.
- Item No. 36.8 : Any other point with the permission of the Chair.



## **PUNJAB TECHNICAL UNIVERSITY, JALANDHAR**

**Agenda Note for the 36<sup>th</sup> meeting of the Standing Building Construction Committee.**

**Item No. 36.1 : To confirm the Minutes of 35<sup>th</sup> meeting of Standing Building Construction Committee held on 13.08.2012.**

The minutes of 35<sup>th</sup> meeting of Standing Building Construction Committee held on 13.08.2012 were circulated on 16.08.2012. The minutes circulated are to be confirmed.

**Item No. 36.2 : Action taken on various items discussed during previous meetings of Standing Building Construction Committee.**

Action taken on various items discussed during previous meeting of Standing Building Construction Committee is as under:

- On the basis of request of Punjab Technical University, Punjab Govt. has accorded approval for waiver of Departmental charges of Punjab PWD for all construction works of University proposed to be got done from Punjab PWD.
- Based upon the requirements finalized in 35<sup>th</sup> meeting of Standing Building Construction Committee, the Architect has prepared plans for Punjab Institute of Technical Teachers Training and Research (PITTTR) proposed to be established at Ladowali Road, Jalandhar and the same are being presented in this meeting.

**Item No. 36.3 : To discuss and finalize the plans of Punjab Institute of Technical Teachers Training and Research (PITTTR) proposed to be established at Ladowali Road, Jalandhar.**

Based upon the requirements finalized in 35<sup>th</sup> meeting of Standing Building Construction Committee under agenda item no. 35.6, the Architect has prepared the plans for Punjab Institute of Technical Teachers Training and Research (PITTTR) proposed to be established at Ladowali Road, Jalandhar and the same are being presented in this meeting.

The matter is placed before the Standing Building Construction Committee for discussions and approval of the plans.





**Item No. 36.4 :** To discuss and approve the Master Plan, Building plans and finishing schedule for the proposed buildings for Punjab Institute of Technology at Nandgarh, Bathinda

Punjab Technical University has finalized to start the following courses at Punjab Institute of Technology at Nandgarh under Phase-I :

S.No.	Course	Duration	No. of Classes	Students intake in each Class	Total Students strength for full duration
1	BBA	3years (after 10+2)	01	60	180
2	B. Com	3years (after 10+2)	01	60	180
3	B. Sc. (Agriculture)	3years (after 10+2)	01	60	180
4	MBA	2years (after Graduation)	01	60	120
<b>Total</b>			<b>04</b>	<b>240</b>	<b>660</b>

In total, there will be two departments in the campus i.e. Management and Agriculture.

Based upon the above requirements the Architect has prepared the Master Plan, plans of buildings proposed to be constructed under Phase-I and finishing schedule. These are being presented in the meeting.

The matter is placed before the Committee for discussions and finalization of the Master Plan, plans of the proposed buildings and finishing schedule.

**Item No. 36.5: To discuss and finalize the scope of the Architect for proposed buildings at PTU GZSCET, Bathinda Campus.**

In 10th meeting of Building Works Committee of PTU GZSCET, Bathinda held on 18.05.12 (minutes enclosed), it was decided that design and drawings of the following buildings proposed to be constructed at PTU GZSCET, Bathinda Campus shall be got prepared from the Architect already engaged by PTU for its various works :-

- i) Students Centre
- ii) Physics block
- iii) Porch in front of Administrative block.
- iv) New Administrative block.

For finalization of the activities to be got done from the Architect for these buildings, a meeting was held on 01.10.12, wherein following were present:

1. Dr. J.S. Hundal, Campus Director, PTU GZSCET, Bathinda
2. Dr. G.S. Bath, Registrar, GZSCET, Bathinda
3. Sh. D.S. Sidhu, Registrar, PIT, Nandgarh
4. Er. H.P.Singh, XEN, PTU



During this meeting, it has been decided that the broader distribution of various activities will be as under :

- i) Preparation of Concept Plans, Architectural Drawings, Finishing schedule of various works, Design/Drawings of all services such as Public Health, Fire Fighting, Air-Conditioning, Electrical etc. by Architect.
- ii) Structural design/drawings shall be done by PTU GZSCET, Bathinda.
- iii) Tendering, execution & supervision of works, Quality Control, billing etc, shall be done by PWD.

The matter is placed before the Standing Building Construction Committee for discussions and finalization of the scope of various agencies/departments involved.

**Item No. 36.6: To discuss and review the scope of work of the Architect already engaged by PTU in light of the facts that the major construction works of the University are to be got done from Punjab PWD.**


Punjab Government has accorded approval for waiver of Departmental charges of Punjab PWD for all the construction works of the University to be got executed through Punjab PWD. Under such circumstances, some of the activities which will be performed by Punjab PWD are already included in Architect's scope of works, as listed below:

- i) Preparation of detailed estimates and getting the same approve from PTU,
- ii) Preparation of bid documents for invitation of bids,
- ii) Preparation of detailed specifications.
- v) Analyzing and evaluation the bids
- vi) Check and approve design/shop drawings submitted by the Contractor/Vendor in terms of contract executed with them.
- vii) Render advice on the suitability of various samples of materials and components, if asked by PTU.
- viii) Certification of bills of the contractors.
- ix) Issue certificate of Virtual completion of works.

The matter is placed before the Standing Building Construction Committee for discussions and finalization of the scope of Punjab PWD and the Architect.

**Item No. 36.7 : To discuss and finalize the executing agency for construction of proposed new buildings for PITTTTR at Ladowali Road, Jalandhar and Punjab Institute of Technology, Nandgarh, Bathinda.**

During 35<sup>th</sup> meeting of the Building Construction Committee, it was decided that in case the departmental charges are waived off by PWD, the works of Punjab Institute of Technology, Kapurthala may be got executed from Punjab PWD on the terms and conditions agreed during the discussions held between the Building Committee and PWD officers (Agenda item No. 35.3). In this regard, it is informed that Punjab Government has accorded approval for waiver of Departmental charges of Punjab PWD for all the construction works of the University to be got executed through Punjab PWD.



Further, University is in the process of starting construction works of new buildings for Punjab Institute of Technical Teachers Training and Research (PITTTTR) and Punjab Institute of Technology, Nandgarh, Bathinda.

The matter is placed before the Standing Building Construction Committee for taking decision for getting the construction works done from Punjab PWD of the above three campuses and cancellation of tenders already received by the University for appointment of Project Management Consultant.

**Item No. 36.8 : Any other point with the permission of the Chair.**

HPZ

Ref. 1382

Date 12/1/2012

To

1. Dr. Rajneesh Arora, Vice Chancellor  
Punjab Technical University  
Kapurthala Member
2. Sh. S.K. Mishra, Director Finance  
Punjab Technical University  
Kapurthala Member
3. Sh. H.P. Singh, Executive Engineer  
Punjab Technical University  
Kapurthala Member
4. Dr. J.S. Hundal, Campus Director  
PTU GZS Campus, Bathinda. Member
5. Sh. G.S. Bath, Registrar  
PTU GZS Campus, Bathinda. Member- Secretary
- ✓ Dr. Nachhattar Singh, Dean (P & D)  
Punjab Technical University  
Kapurthala Special Invitee

**Sub: Minutes of the 10th Meeting of Building Works Committee of PTU Giani Zail Singh Campus Bathinda held on 18-05-2012 at Chandigarh.**

Please find enclosed herewith a copy of approved minutes of 10th meeting of Building Works Committee of PTU Giani Zail Singh Campus, Bathinda held on 18-5-2012 under the chairmanship of Principal Secretary, Technical Education & Industrial Training Pb. Chandigarh for your kind information and further necessary action please.

  
Registrar

Encl.: As above.

Encl. No. ....

Dated: .....

CC:-

1. Private Secretary to Principal Secretary, Deptt. of Tech. & Ind. Trg. Pb., Mini Secretariat (Pb), Sec-9B, Chandigarh for the information of PSTE.

  
Registrar



MINUTES OF 10<sup>TH</sup> MEETING OF THE BUILDING WORKS COMMITTEE OF PTU  
GZS CAMPUS, BATHINDA HELD ON 18-05-2012 AT 11:30 A.M. UNDER THE  
CHAIRMANSHIP OF PRINCIPAL SECRETARY TECHNICAL EDUCATION &  
INDUSTIAL TRAINING, PUNJAB.

**The following were present:-**

- |    |  |                   |
|----|--|-------------------|
| 1. | Sh. S.S. Channi, I.A.S.<br>Principal Secretary to Govt. of Pb,<br>Technical Education<br>& Industrial Training, Punjab | Chairman          |
| 2. | Dr. Rajneesh Arora,<br>Vice Chancellor,<br>Punjab Technical University<br>Jalandhar.                                   | Member            |
| 3. | Sh. S.K. Mishra,<br>Director Finance, Punjab Technical University<br>Jalandhar.  | Member            |
| 4. | Sh. H.P. Singh,<br>Executive Engineer, Punjab Technical University<br>Jalandhar.                                       | Member            |
| 5. | Dr. J.S. Hundal,<br>Campus Director<br>PTU GZS Campus<br>Bathinda.   | Member            |
| 6. | Sh. G.S. Bath,<br>Registrar<br>PTU GZS Campus<br>Bathinda.   | Member- Secretary |
| 7. | Dr. Nachhattar Singh, Dean (P & D)<br>Punjab Technical University<br>Jalandhar.  | Special Invitee   |



The following decisions were taken:-

Item No. 10.1 Confirmation of The Proceedings of 9<sup>th</sup> Meeting of Building Works Committee.

Decision: Confirmed.

Item No. 10.2 Action Taken Report on the decision's taken in the 9<sup>th</sup> Meeting of Building Works Committee.

Decision: Approved.

Item No. 10.3 Repair of College Roads.

Decision: Approved.

Item No. 10.4 White Washing, Paint in the College buildings, Hostels & Residential Houses.

Decision: Approved.

Item No. 10.5 Permission for Conversion of D-type Houses into Hostel for PG/Research Scholars/ Senior Students.

Decision: Approved.

Item No. 10.6 Construction of Collage Boundary Wall.

Decision: Approved.

The Committee was of the view that only damaged portion be repaired and instead of raising the height of wall, barbed wire fencing be provided.

Item No. 10.7 Construction of Student Centre.

Decision: Approved in principle.

The Committee was of the view that drawings be got prepared from the Architect engaged by Punjab Technical University complete with all finishing details after placing it in the master-plan of the college. Matter



to be put up in the next meeting of Building Works Committee of PTU GZS Campus, Bathinda.

Item No. 10.8 Construction of Physics Block.

Decision: Approved in principle.

The Committee was of the view that drawings be got prepared from the Architect engaged by Punjab Technical University complete with all finishing details after placing it in the master-plan of the college. Matter to be put up in the next meeting of Building Works Committee of PTU GZS Campus, Bathinda.

Item No. 10.9 Construction of Porch in Front of Admn. Block.

Decision: Approved.

The Committee was of the view that entry at main gate on Dabwali Road be also got designed from Punjab Technical University Architect to make it more appealing.

Item No. 10.10 Conversion of A-101/ Arch. Den in conference room.


Decision: Approved.

The Committee was of the view that internal design be reviewed & provision of folding benches/chairs be made so that it can be used more optimally.

Item No. 10.11 Construction of New Admn. Block.

Decision: Approved in principle.

The Committee was of the view that drawings be got prepared from the Architect engaged by Punjab Technical University complete with all finishing details after placing it in the master-plan of the college. Matter to be put up in the next meeting of Building Works Committee of PTU GZS Campus, Bathinda.





Item No.10,12 Construction of New Library Block.

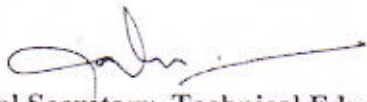
Decision: Deferred.

The Committee was of the view that instead of new block, E-Library be introduced.

The meeting ended with a vote of thanks to the Chair.

  
**Campus Director**  
**PTU GZS Campus**  
**Bathinda -cum-Member**  
**Building Works Committee.**

  
**Registrar**  
**PTU GZS Campus**  
**Bathinda-cum- Member Secretary**  
**Building Works Committee.**

  
**Principal Secretary, Technical Education-cum-**  
**Chairman Building Works Committee**  
**PTU GZS Campus, Bathinda.**



Mail sent on 10/10/12  
to V, XEN.

ITEM NO. 36.8

ANY OTHER POINT WITH THE PERMISSION OF THE CHAIR.

The Committee in the 10<sup>th</sup> meeting of Building Works Committee of PTU GZS Campus, Bathinda had approved in Principle the following Buildings.

1. Construction of Administrative Block.
2. Construction of Physics Block.
3. Construction of Student Centre.
4. Construction of Porch in front of Admin Block.

(This item has been approved in the meeting and work has been given to PWD (B&R).)

The work of engaging of Architect for the above works is in process.

Apart from the above Buildings the College is in dire need of the following Buildings. The Hon'ble Vice Chancellor, PTU has desired their inclusion in the forthcoming planned projects at PTU GZS Campus, Bathinda in the meeting with Hon'ble Chief Minister, Punjab which was scheduled on 30th Sept. 2012. Thus these projects be also got approved in the 36th meeting of Standing Building Construction Committee of PTU.

**Library-** Due to the increase in number of students in all the branches, the departments of Electrical Engg., Electronic & Comm. Engg., Computer Science & Architecture need more space. If the present library is shifted to a new building, then these departments can be accommodated more easily in the main building. A new Library Building may be allowed for 5000 students keeping in view the latest courses being started.

Hence the same may be approved please.

*Pradip*

- a) **Auditorium**- The college holds a number of functions every year on which large amount of money is spent on the arrangement of tents etc. So the Auditorium for 2000 chairs is needed which can be outsourced for private function also.

Hence the same may be approved please.

- b) **Boys Hostels**-The college is facing an acute shortage of accommodation for about 1060 students for which two number Hostels (one single seater for 500 students and one three seater for 600 students) are urgently required.

Hence the same may be approved please.

- c) **Second floor of Girls Hostel**-The construction of new Building of Girls Hostel is being carried out by the PWD (B & R). Due to the shortage of funds the B & R Department had been asked to construct only the ground and first floors. Now since the strength of students has increased the Second floor too is required.

Hence the same may be approved please.

- e) **Designing of entry at main gate**-The Committee in the 10<sup>th</sup> meeting had desired that entry at main gate on Dabhal Road be also designed so that it may look more appealing.

Hence the same may be approved please.

*Jedha*

## **Punjab Technical University Giani Zail Singh Campus Bathinda.**

### **Sub: Requirements of administrative block.**

The college needs a new administrative block in which following office space is required:

S.No.	Offices for	No. of offices
1.	Chairman B.O.G. alongwith waiting room & retiring room	01
2.	Vice Chancellor alongwith waiting room & retiring room	01
3.	Campus Director alongwith waiting room & retiring room	01
4.	Registrar	01
5.	Dy. Registrar	02
6.	Controller of Examination	01
7.	Deputy Controller of Examination	02
8.	Estate Office	01
9.	Clerical office minimum 10 person capacity with one record room For each section	06
10.	Canteen	01
11.	Main Store	01
12.	Staff Common Rooms	02 (one Female + one for Male)

These requirements may kindly be sent to the architect for preparation of plan of the new building.

*[Signature]*  
S.D.E.  
PTU GZS Campus  
Bathinda.

**PUNJAB INSTITUTE OF TECHNOLOGY, NANDGARH**  
Punjab Technical University, Kapurthala

**Sub: Regarding construction of building at PIT Nandgarh**

In the meeting held on 01-10-2012 at PTU under the chairmanship of Hon'ble Vice-Chancellor sir, it was decided that building for following courses will be constructed at PIT Nandgarh.

Sr. No.	Course	Intake	Duration	Total no. of students
1.	BBA	60	3	180
2.	MBA	60	2	120
3.	B.Com(Professional)	60	3	180
4.	B.Sc (Agri)	60	3	180

660

We have mentioned in the above referred table that B.Sc. Agriculture is a 3 year course, But actually it is a 4 year course. Since there are few practical classes in B.Sc(Agri), so even 3 classrooms will be sufficient. AS per AICTE norms, generally labs and classrooms for courses with intake of 60 students should have size of 66sqm.

There will be two departments:

1. Department of Management Studies
2. Department of Agriculture Science.

So it is proposed that

1. Department of Management Studies should have 08 classrooms (66sqm. each), a computer Lab, deptt. office and rooms for faculty.
2. Department of Agriculture Science should have 03 classrooms (66sqm each), 5 labs (66sqm. each), a computer Lab, deptt. office and rooms for faculty.

Apart from these facilities an administrative block and other general public facilities for students may be provided.

1. Administrative block should have offices for Director, Registrar, Dy. Registrars (2No.), Establishment office, Accounts office, Store & Purchase office, Academics affairs office, Committee room/conference hall etc.
2. General Facility includes building for library, offices for NCC & NSS etc., canteen, parking space etc.

*Darshan*  
Darshan Singh Sidhu  
Registrar PIT Nandgarh



# COMPARISON OF CSR AND DSR FOR MAJOR ITEMS OF WORK

S.No.	Item	Rate as per CSR			Rate as per DSR 2012				DSR above	
		Item No.	Rate	Premium	Total	Item No.	Rate	Premium	Total	CSR (%age)
1	Earthwork in excavation	6.7	95.53	12%	106.99	2.6.1	129.35	Nil	129.35	20.90
2	PCC 1:3:6 in fdns	10.11, 10.46,47	2,408.72	18%	2,842.29	4.1.5	4,024.00	Nil	4,024.00	41.58
3	RCC 1:2:4 in fdns	10.14, 10.46,47	3,289.46	18%	3,881.56	5.1.3	4,703.90	Nil	4,703.90	21.19
4	Design Mix Concrete M20 in fdns	10.15, 10.46,47	3,580.85	18%	4,225.40	5.3.3.1	5,242.15	Nil	5,242.15	24.06
5a	Formwork for i) Columns	9.4	179.27	15%	206.16	5.9.6	365.60	Nil	365.60	77.34
5b	Formwork for i) Slabs & beam	9.8	151.12	15%	173.79	5.9.3	311.20	Nil	311.20	79.07
5c	Steel Reinforcement - Kg	18.18	51.67	16%	59.94	5.22.3	62.25	Nil	62.25	3.86
6a	Brick Work in foundations with 1:6	11.3	2,412.63	35%	3,257.05	6.1.2	3,316.55	Nil	3,316.55	1.83
6b	Brick Work in super structure with 1:6	11.4	2,595.23	35%	3,503.56	6.4.2	3,876.15	Nil	3,876.15	10.63
7	Plastering 12mm thick-1:4	15.9	84.10	15%	96.72	13.1.1	123.50	Nil	123.50	27.69
8	Vitrified Tile Flooring	14.129	887.60	20%	1,065.12	11.46.2	1,339.20	Nil	1,339.20	25.73
9	Kota Stone	14.88	954.05	25%	1,192.56	11.25	945.70	Nil	945.70	-20.70