



**PTU** PUNJAB  
TECHNICAL  
UNIVERSITY

ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ ਜਲੰਧਰ

37/1

Ref. No. PTO/Reg. 6075

Date: 8/7/06

To

**Sh. A.N. Chowdhry,  
Chief Engineer (Construction)  
PTU, Jalandhar**

**Subject : Tenth meeting of the Standing Building Construction Committee.**

Dear Sir

Tenth meeting of the Standing Building Construction Committee shall be held under the Chairmanship of Sh. P. Ram, IAS, Principal Secretary, Technical Education Punjab on ~~11-09-06~~ at 11.00 a.m in his office in Mini Secretariat, Sector 9, Chandigarh. Copy of the agenda is enclosed.

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

Yours sincerely

Registrar

Encls : as above

CC :

✓ Sh. N.S. Bhatti, Advisor Electrical , H.No. 3040, Sector 19D, Chandigarh. He may please attend the meeting.

PUNJAB TECHNICAL UNIVERSITY, JALANDHAR

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**Subject :** Agenda for the 10<sup>th</sup> meeting of the Standing Building Construction Committee

**Agenda Item No. 10.1**

Brief regarding status of Construction

**Agenda Item No. 10.2**

Approval of tender for the work of External Electrical Works.

**Agenda Item No. 10.3**

Splitting of work of External Public Health Services

**Agenda Item No. 10.4**

Extension in service of Sh. A.N. Chowdhry, Chief Engineer and Sh. N.S. Bhatti, Advisor (Electrical)

**Agenda Item No. 10.5**

Any other item with the permission of the Chair

Agenda note for the Standing Building Construction Committee meeting being held on 11-09-06

**Agenda Item No. 10.1.1 : Brief Regarding Status of Construction**

The work for construction of Administration Building stands awarded to M/s IVRCL and date of commencement is 31-01-06 as per the contract agreement. Front four storey block is to be completed in 10 months and simultaneously the Rear Eight storey Block with basement in 18 months.

The columns of Front Block have been cast up to the slab level. Shuttering for the eastern side up to expansion joint completed and placement and binding of steel is in progress. For the middle portion, shuttering for slab is in progress for the shuttering work. For the western side i.e. from expansion joint to west end, columns have been cast up to slab height and filling of earth in the plinths is in progress.

Raft of the Rear Block has been completed and 50% of the retaining wall has been cast. Shuttering for GF slab is almost complete for 2 bays on west end side and placement of steel is in progress.

The contractor has added more manpower and resources but the progress could not be pushed up because of frequent rains in last two months.

- 10.1.2 : Prebid meeting of A/C works was held on 06-09-06 and tenders shall be received on 15-09-06
- 10.1.3 : Tenders of Services Block have been received on 07-09-06 and have been forwarded to M/s Archigroup for evaluation
- 10.1.4 : Approval for the construction of Boundary Wall is yet awaited from PUDA. The case is lying in the office of the Chief Town Planner, Punjab for his approval.
- 10.1.5 : P.S.E.B. has asked for resubmission of the case along with clearance from PUDA which is awaited as mentioned in 10.1.4 above.
- 10.1.6 : The Architectural Drawings of Guest House, Sport complex and Staff Residences have been approved by the sub committee in the meeting held on 06-09-06. The Architects shall now submit the estimates and the tender documents for the approval of PTU
- 10.1.7 : The drawings of Convention Centre submitted by the Architects were discussed in the sub committee meeting held on 06-09-06 and the Architects have been requested to revise the plans with provision of a Banquet Hall in the basement and increasing the capacity to 1500 persons.
- 10.1.8 : The Architects have not submitted the Architectural Drawings of V.C's residence as yet.

**Agenda Item No. 10.2 :****Approval of tender for the work of External Electrical Works (Design and Commissioning of External Electrification Works at PTU site on Jalandhar-Kapurthala Highway, Kapurthala)**

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Detailed estimate of the work amounting to Rs. 3,49,66,647.00 was approved in ninth meeting of the Standing Building Construction Committee. Provision in the approved detailed estimate for the tendered work is for Rs. 3,30,57,723.00. Tender documents and Pre-qualification of contractors was also approved in the above said meeting. Accordingly tenders were invited from Seven pre-qualified contractors. However four contractors obtained tender documents. Pre-bid meeting was held on 08-08-06 under the Chairmanship of Dr. R.S. Khandpur in PTU, Jalandhar. Finally tenders were received from the following three Agencies on 29-09-06 :-

1/3	M/s Shiv Shakti Facilities India Pvt. Ltd	:	Rs. 3,05,09,588.20
2/3	M/s Hitech Erectors Pvt.Ltd	:	Rs. 2,76,13,260.00
3/3	M/s MEC Engineers Pvt. Ltd	:	Rs. 3,23,37,487.71

Copies of the tenders (Price Bid) were forwarded to M/s Archigroup for processing and their report (annexed) is placed before the committee. As per the report checked value of the tenders is :

1/3	M/s Shiv Shakti Facilities India Pvt. Ltd, New Delhi	:	Rs. 3,05,09,588.20
2/3	M/s Hitech Erectors Pvt. Ltd, New Delhi	:	Rs. 2,76,13,260.00
3/3	M/s MEC Engineers Pvt. Ltd, Noida	:	Rs. 3,23,36,495.00

M/s Archigroup in their report have recommended that the work may be allotted to M/s Hitech Erectors, Delhi. There is a saving of 16.3 % on the sanctioned estimate for the work. Copy of report is placed at Annexure 'A'

The Tender Evaluation Committee met on 06-09-06 to discuss the tenders and the evaluation report submitted by M/s Archigroup under the Chairmanship of Dr. R.S.Khandpur. The following members were present :-

1. Dr. M.S.Grewal, Registrar, PTU, Jalandhar
2. Sh.N.S. Bhatti, Advisor, Electrical, PTU, Jalandhar
3. Sh.A.N.Chowdhry, CE, PTU, Jalandhar
4. Sh.T.L.Dhall, E.E. PTU, Jalandhar
5. Sh. Rajiv Aggarwal, Architect, M/s Archigroup, Delhi

The Evaluation committee has concurred with the recommendations of M/s Archigroup Architects, Delhi, the minutes are placed at Annexure 'B'. The BOG in its last meeting held on 09-08-06, under item no 23.4 (photocopy placed as Annexure 'C') has authorized the Standing Building Construction Committee to approve the expenditure on this work.

The committee may approve the allotment of the External Electrification Works in favour of M/s Hitech Erectors, Delhi at a cost of Rs. 2,76,13,260.00

**Agenda Item No. 10.3 :****Splitting of work of External Public Health Services for new campus of PTU for tender purposes.**

Detailed estimate for the Public Health Works for new campus of PTU was approved by the Standing Building Construction Committee in its ninth meeting for Rs. 1,56,13,190.00. It was also decided in the meeting to pre-qualify the contractors to be approved by Sub committee chaired by Dr. R.S.Khandpur, Director General, PGSC, Chandigarh.

Advertisement for the pre-qualification of contractors was published in newspapers viz: The Tribune, Hindustan Times and Indian Express on 22-07-06 and the applications were to be received by 11-08-06 from the prospective contractors. Pre-qualification document was issued. The following five agencies applied for the pre-qualification :-

- i) M/s IVRCL, I& P Ltd., Hyderabad
- ii) M/s Deep Builders and Associates, Chandigarh
- iii) M/s O.P.Babbar, Karnal
- iv) M/s DDPAR Hi Tech Quality Works, Faridabad
- v) M/s Chandi Contractors Pvt. Ltd, Patiala.

The pre-qualification applications (in original) were sent to M/s Archigroup Architects for processing. Evaluation Report has been submitted by their reference no.AA (R)/PTU/1932 dated 22-08-06 ( annexure 'D').

Meeting of the Sub committee for deciding the pre-qualification was held under the Chairmanship of Dr. R.S.Khandpur, Director General, Pushpa Gujral Science City on 06-09-06 at Chandigarh which was attended by the following members :-

- 1. Dr. M.S.Grewal, Registrar, PTU, Jalandhar
- 2. Sh.A.N.Chowdhry, CE, PTU, Jalandhar
- 3. Sh. R.D.Joshi, Advisor, Public Health, PTU, Jalandhar
- 4. Sh. Rajiv Aggarwal, Architect, M/s Archigroup, Delhi
- 5. Sh.T.L.Dhall, E.E. PTU, Jalandhar

The committee deliberated on the issue and observed that M/s Deep Builders & M/s O.P.Babbar do not qualify for the work. This leaves only two agencies which are insufficient in number for healthy competition. The Committee observed that the tender has several items for which a single contractor may not be able to carry out the work in an integrated manner. For example, the agencies who are doing bore well work may not be interested in taking up work relating to sewer and water supply lines and construction of underground tanks. Therefore, it would be advisable to split the work in groups for which it would be possible to find contractors proficient in their area of work. The Committee recommended that the tender may be appropriately split up into relevant groups. Copy of the minutes of the committee is enclosed as annexure 'E'.

The Standing Committee may approve the splitting of the work for the External Public Health Work in the following three parts :-

Providing Water Supply, Fire Protection System, Pumps and Allied works and Tube wells	:	Rs. 72.84 lac
Providing Sewerage, Rain water Harvesting and Fire Protection System	:	Rs. 43.77 lac
Construction of Underground Water Tank and Pump Room ( civil work)	:	Rs. 33.47 lac.

Submitted for the approval of the Committee.

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**Agenda Item No. 10.4 : Extension in service of Sh. A.N. Chowdhry ,Chief Engineer and Sh. N.S. Bhatti, Advisor ( Electrical)**

In a meeting held under the Chairmanship of Chief Secretary to Govt. Punjab on 29-08-06 to review the construction work of Punjab Technical University attended by VC, P.S Technical Education, Director cum Secretary, Deptt. of Information Technology, Secretary Technical Education and Registrar, it was decided to engage Sh. A.N. Chowdhry, Chief Engineer ( Construction) for PTU on the analogy of Pushpa Gujral Science City as both the campuses are adjoining each time and he will be able to Supervise both the projects. His terms and conditions were decided to be worked out by Principal Secretary Technical Education. Accordingly as per item no. 7.2 of minutes of the meeting this committee held on 07-09-05, terms and conditions of employment of Sh. Chowdhry with approved and his appointment was issued by the university vide letter no PTU/Reg/5461 dated 09-09-05 for a period of six months (Annexure F) and he joined on 09-09-05. On the expiry of six months it was further extended for a period of six months, which has expired on 08-09-06. Construction of Civil Buildings is likely to take more than two years and it is proposed to retain Sh. Chowdhry further for a period of one year at this stage. Committee may approve the extension with the same terms and conditions.

In the meeting of this committee held on 02-11-05 it was decided that consultants to vet the proposals received from the Architects shall be selected by a committee chaired by Dr. R.S.Khandpur with Registrar, Director Science & Technology and Chief Engineer as members after inviting applications through Press. Accordingly Sh. N.S.Bhatti was selected & appointed Advisor (Electrical) vide University letter no. PTU/Const/1017/7010 dated 11-11-05 ( copy enclosed as Annexure G) for a period of one year and he joined on 12-11-05. His services are also further required and the committee may approve the extension for a period of one year on the same terms and conditions.

Annexure 'A' - 1/2

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# Archigroup Architects (Regd.)

STUDIO : 5/004, SIKKA COMPLEX, PREET VIHAR COMMUNITY CENTRE, VIKAS MARG, DELHI - 110092 TEL : (91-11) 2250 9766, (91-11) 4742 1201 FAX : (91-11) 2243 6111  
E-MAIL : mail@archigroup.org WEBSITE : www.archigroup.org

Reference No. : AA (R)/PTU/ 1949  
Date : September 7<sup>th</sup>, 2006

Mr. A.N. Chowdhry (Chief Engineer)  
Punjab Technical University  
Ladowali Street,  
Jalandhar

F.R.  
*[Signature]*  
PTU Construction Cell  
Receipt No. PTC/Const./Ext. & Elect/11  
Date: 8-09-06  
Sent To: [unclear]

Project: The new campus of the Punjab Technical University, Jalandhar.  
Subject: Tender Evaluation of High Side of External Electrical works

Sir,

With reference to the above mentioned subject, it is recommended that the works may be awarded to M/S., Hi-Tech Erectors Pvt. Ltd. as per the terms of the Tender Document. Please also see the letter no LL05/ PTU/ 7089 dated 6th September 2006, attached with this letter.

Thanking You,

*[Signature]*  
Rajiv Aggarwal

Encl: as above.  
CC The Registrar, Punjab Technical University, Ladowali Street, Jalandhar

**Lirio Lopez**  
electrical engineers & consultants

o-17/4 n.e.s. rajinder nagar new delhi-110 060 ph: 2574 5260 : 2574 5147 fax: 2574 5750 e-mail: lopez@vsnl.com

Annexure A - 2/2

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lighting design

Ref. No: LL05/ PTU/ 7089

Date: 6<sup>th</sup> September 2006

Kind Attn.: Mr. Rajiv Aggarwal  
Archigroup Architects p.l.  
5/305 Sikka Complex  
Preet Vihar Community Center  
Vikas Marg, New Delhi - 1100092

Subject: Tender Evaluation for High Side E.I Works for PTU, Jalandhar.

Dear Sir,

We are in receipt of copies of the financial bids submitted by the following three contractors. The submitted figures and the corrected figures are as below:

S.No.	CONTRACTOR	SUBMITTED PRICE	CHECKED PRICE
1.	MEC Engineers	3,23,37,487.71	3,23,36,497.71
2.	Shiv Shakti Facilities	3,05,09,588.20	3,05,09,588.02
3.	Hi-Tech Erectors Pvt. Ltd.	2,76,13,260.00	2,76,13,260.00

There was a totaling error of Rs. 990.00 (Rupees nine hundred and ninety only) in the bid submitted by M/S. MEC Engineers. The lowest bid submitted was of Rs. 2,76,13,260.00 against an estimated value of Rs. 3,30,57,723.00 - a difference of 16.3%. On examination of the individual items of the bid, it was found that there were no abnormally high rates. As such the works may be awarded to M/S.. Hi-Tech Erectors Pvt. Ltd. as per the terms of the Tender Document.

We trust you will find the above in order.

Thanking you,

Yours faithfully,

Linus Lopez  
For M/S. Lirio Lopez

for



## PUNJAB TECHNICAL UNIVERSITY, JALANDHAR

Dated : 06-09-06

**Subject :** Minutes of the Sub committee for Tender Evaluation of External Electrical Works of PTU, held under the Chairmanship of Dr. R.S. Khandpur, Director General, PGSC, Chandigarh in his office on 06-09-06

1. Dr. M.S.Grewal, Registrar, PTU, Jalandhar
2. Sh.N.S. Bhatti, Advisor, Electrical, PTU, Jalandhar
3. Sh.A.N.Chowdhry, CE, PTU, Jalandhar
4. Sh.T.L.Dhall, E.E. PTU, Jalandhar
5. Sh. Rajiv Aggarwal, Architect, M/s Archigroup, Delhi

Detailed estimate of the work amounting to Rs. 3,49,66,647.00 was approved in ninth meeting of the Standing Building Construction Committee. Provision in the approved detailed estimate for the tendered work is for Rs. 3,30,57,723.00. Tender documents and Pre-qualification of contractors was also approved in the above said meeting. Accordingly tenders were invited from Seven pre-qualified contractors. However four contractors obtained tender documents. Pre-bid meeting was held on 08-08-06 under the Chairmanship of Dr.R.S.Khandpur in PTU, Jalandhar. Finally tenders were received from the following three Agencies on 29-09-06 :-

1/3	M/s Shiv Shakti Facilities India Pvt. Ltd	:	Rs. 3,05,09,588.20
2/3	M/s Hitech Erectors Pvt.Ltd	:	Rs. 2,76,13,260.00
3/3	M/s MEC Engineers Pvt. Ltd	:	Rs. 3,23,37,487.71

Copies of the tenders (Price Bid) were forwarded to M/s Archigroup for processing and their report (annexed) is placed before the committee. As per the report checked value of the tenders is :

1/3	M/s Shiv Shakti Facilities India Pvt. Ltd, New Delhi	:	Rs 3,05,09,588/-
2/3	M/s Hitech Erectors Pvt. Ltd, New Delhi	:	Rs.2,76,13,260/-
3/3	M/s MEC Engineers Pvt. Ltd, Noida	:	Rs.3,23,36,495/-

M/s Archigroup have recommended the award of this work to the lowest bidder viz M/s Hitech Erectors Pvt. Ltd., Delhi. Committee concurs with the recommendations of M/s Archigroup.

(Sh. A.N.Chowdhry)  
Member

(Dr. M.S.Grewal)  
Member

(Er. N.S.Bhatti)  
Member

(Er. T.L.Dhall)  
Member

(Sh. Rajiv Aggarwal)  
Member

(Dr. R.S.Khandpur)  
Chairman

**23.4 To Brief on the Construction work of PTU Campus at Kapurthala site**

The member took note of the proceedings of the 9<sup>th</sup> meeting of building construction committee held on 18.07.06 circulated to all the members of the board. Various decisions of the committee were noted. The members expressed concern over non-presentation of visuals of construction. It was decided that arrangement for presentation of visuals must be made in the next meeting. The Vice Chancellor informed the committee there had been a delay of about one and half month on account of monsoon and other factors. It was decided to pressurize the contractor in accelerating and finishing the work in time. The Registrar informed that tenders for the following were being finalized within the current calendar month.

- i) External Electric Works
- ii) Public Health and Water Supply
- iii) Boundary Wall
- iv) Air conditioning System

The Board authorized the construction committee to approve all expenditure in connection with construction of buildings approved by the Board.

**23.5 To present the proceedings of the 25<sup>th</sup> meeting of the Academic Council and to approve key issues.**

The Board took note of the proceedings of the academic council in general and in particular the following.



2007/08/20/2006

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Archigroup Architects (Regd)

STUDIO : 5/304, SINRA COMPLEX, PREET VIHAR COMMUNITY CENTRE, SEVA MARG DELHI-110092 TEL : 01-11-226-5156, 01-11-4242-1201 FAX : 01-11-226-5156  
 E-MAIL : mail@archigroup.org WEBSITE : www.archigroup.org

25-08-06  
 FR.  
 Chawla

Reference No. : AA (R )/PTU/ 1932  
 Date : August 22, 2006

✓ Mr. A.N. Chowdhry (Chief Engineer)  
 Punjab Technical University  
 Ladowali Street,  
 Jalandhar

Project: The new campus of the Punjab Technical University, Jalandhar.  
 Subject: Evaluation report of External PH works.

Sir,

With reference to the above mentioned subject, please find enclosed with this letter the covering letter no. TPS/PTUJ-241/06-07/1610 dated August 22<sup>nd</sup> 2006 from our Public Health consultant (M/s T.P. Singh) with its enclosures viz : the evaluation report on pre-qualification of PH Contractors for external works and the originals of pre-qualifications documents sent by the five contractors.

We hope that you find the above in order.

Thanking you,

Rajiv Aggarwal

Encl: as above.

CC: The Registrar, Punjab Technical University, Ladowali Street, Jalandhar (only letter)



TEJ PAL SINGH  
Consulting Engineer  
Plumbing & Fire Protection

(37/12)  
D-2/8

TPS/PTUJ-241/06-07/1610

**Archigroup Architects (Regd.)**  
5/304, Sikka Complex,  
Preet Vihar, Community Centre,  
Vikas Marg,  
Delhi-110 092

*22<sup>nd</sup> August, 2006*

*Kind attn. : Mr. Rajiv Aggarwal*

*Subject : PTU; Pre-Qualification documents for PH Works.*

Dear Sirs,

I am forwarding herewith to you the original five prequalification documents and my scrutiny report for your further necessary action.

Thanking you.

Very truly yours,

*T. P. Singh*

**Tej Pal Singh**

**encl.:** as above

- Name of Project** : Punjab Technical University, Jalandhar.
- Name of Work** : Providing External Sewerage, Water Supply, Rain Water Harvesting and Ground Water Tanks in Phase I at Punjab Technical University site on Jalandhar- Kapurthala Highway.
- Subject** : Pre-qualification of Public Health Contractors

## SCRUTINY REPORT

### 1. GENERAL

- 1.1 In response to Punjab Technical University notification published in the news papers, following five contracting firms have submitted applications for their pre-qualification:
- M/s IVRCL I & P Ltd., M-22/3RT, Vijay Nagar Colony, Hyderabad, letter no. IVRCL/HOBD/22011/1/2006-07/264 dated 07.08.06.
  - M/s Deep Builders and Associates, 2041, Sector 44-C, Chandigarh -160047 letter no. Nil Dated 09.08.06 Ph. : 0172-3092544
  - M/s O.P. Babbar, 561, Model Town, Karnal -- 132001, Haryana, letter no. nil dated 07.08.06 Ph.: 0184-2266754
  - M/s DDPAR Hi-Tech Quality Works, 635, Sector-21C, Faridabad – 121001 letter No. 113/2006 dated 23.07.06 Ph. ; 0129-4140633