



*Agenda for 151<sup>st</sup> meeting of  
Municipal Corporation Chandigarh*

*Date : 19.2.2010*

*Time : 11.00 a.m.*

*Venue : Assembly Hall,*

**Municipal Corporation**  
New Deluxe Building, Sector -17E,

*Chandigarh - 160017*

**AGENDA ITEM NO. 1**

**Subject:- Confirmation of the minutes of 150<sup>th</sup> meeting of the General House of the Corporation held on 29.01.2010 at 11.00 a.m. in the Assembly Hall of the Municipal Corporation, Chandigarh.**

**AGENDA ITEM NO. 2**

**Subject:- Budget Estimates for the year 2010-2011.**

### **AGENDA ITEM NO. 3**

**Subject: Rough Cost Estimate for P/L 25mm thick SDBC in parking area on V-4 road, Sector 35 C&D, Chandigarh.**

**(Amount: Rs. 42.41 Lacs)**

The condition of parking along V-4 road in Sector 35 C&D, Chandigarh is very poor and has developed lot of pot holes and cracks. The site was inspected by the undersigned along with Sub Divisional Engineer, Roads Sub Division No. 10, M.C. and it is proposed to lay 25mm thick SDBC on it. This parking was last carpetted in the year November / 2003 and is due for recarpetting as per policy of the Corporation.

Accordingly, this rough cost estimate amounting to Rs. 42.41 lacs has been prepared. The scope of work taken in the estimate is as under:-

1. P/A tack coat using hot straight run bitumen of grade 60/70 grade @ 0.30 kg/sqm.
2. P/L 25mm thick semi dense bituminous concrete.

This work will be executed in the next financial year 2010 – 11 against budget provisions under head “4217 (Plan) – Roads & Bridges.

The matter is placed before the General House for its consideration and approval please.

**S.E.(B&R) M.C.**

**E.E.Roads-1, M.C.**

## **AGENDA ITEM NO.4**

**Subject: - Construction of Rigid Pavement in Motor Market, Manimajra.**

**(Approx. Amount:-Rs.357.90 lacs)**

To Improve and upgrade the existing infrastructure and regulate vehicular traffic flow of easy and quick accessibility for repair works in Motor Market, Manimajra, a proposal was put up for consideration and approval before the General House of the M.C in its 115<sup>th</sup> meeting held on 26.04.2007. As per this proposal 4 pockets have been proposed to be provided with concrete pavement. In the balance 13 pockets, flexible pavement has been proposed for minor repair of L.T.V vehicles and fitting of accessories. It has also been proposed to upgrade existing two toilets on BOT basis. Green spaces/exiting storm water drainage/street lights of this market are also proposed to be upgraded.

The proposal of improvement/up gradation of existing infrastructure for regulation of regular traffic flow in Motor Market, Manimajra comprises.

<b>S.No.</b>	<b>Description</b>	<b>Amount</b>
1.	Construction of parking with flexible pavement in Motor Market, Manimajra, Chandigarh	Rs.200.04 lacs
2.	Construction of parking with Rigid Pavement in Motor Market, Manimajra, Chandigarh.	Rs.284.16 lacs
3.	Augmentation of street lighting at Motor Market, Manimajra.	Rs.62.38 lacs
	<b>Total</b>	<b>Rs.546.58 lacs</b>

In 1<sup>st</sup> phase of up gradation of this market, out of 17 parkings, the work of flexible pavement were undertaken and completed in the month of October 2009. Subsequently, the work of rigid pavement was to be undertaken, however the tender for rigid pavement were invited twice, but rates quoted by the agency were abnormally high and being a conditional tender, the tender could not be matured. The estimate for this work was framed in the month of June 2007. The estimated amount of this work has been enhanced due to increase in rates of labour and materials with respect to rates taken at the time of framing of estimate.

Accordingly, this estimate amounting to Rs.357.90 lacs has been recast for arranging the administrative approval and allotment of funds. The estimate includes the following scope of works:-

1. Earth Work in excavation with loading, unloading after dismantling of existing road crust.

2. Constructing sub base course with G.S.B layer of 100mm thick and lean concrete of M-10 grade 10mm thick complete in all respect as per DSR/MORTH specification.
3. Cement concrete pavement with M-30 grade cement concrete to be laid with expansion and longitudinal joints as per design.
4. Providing and fixing PCC kerbs and channels.
5. Providing and fixing 60mm thick paver blocks over cement mortar 1:3 over 100mm thick CC 1:8:16.
6. Constructing toe wall with pointing on outer side.
7. Construction of security post with barriers, provision of washing bay and road marking paint

The expenditure on this work shall be charged under Head “Up gradation of Motor Market, Manimajra”. The budget allocation, cost of already approved estimate and expenditure already incurred under this head is as under:

1. Budget allocation	Rs.400.00 lacs
2. The up to date expenditure incurred on construction of flexible pavement	Rs.180.00 lacs

The agenda is placed before the General House for its consideration and approval please.

**S.E. (B&R) M.C**

**E.E.R-II, M.C**

## **AGENDA ITEM NO. 5**

**Subject: Construction of stainless steel bus queue shelter at Bus Stand Manimajra, Chandigarh.**

**(Rs. 71.62 lac)**

The worthy C.M.C. visited Manimajra area on 7.12.2009 and it was requested by the Area Councillor that the commuters waiting at local bus stand of Manimajra are facing hardship as there is no proper arrangement for sitting /waiting for the buses and further requested that a bus queue shelter with adequate sitting facilities to facilitate the public, be constructed. Accordingly, it is proposed to construct a stainless steel bus queue shelter of size 130' on one side and 40' on other side of BOT toilet of approximately 30' wide. The existing bus queue shelter is proposed to be replaced by stainless steel in the interest of public. It is pertinent to mention that there exists trees and water kiosk which are to be axed and shifted. Accordingly rough cost estimate for Rs. 71.62 lac with following scope of work is prepared.

1. Construction stainless steel bus queue shelter made of steel pipe of 8", 3", 2" and 1 1/2" dia.
2. RCC benches of size 11'x3' complete including granite topping.
3. RCC pillars of size 18"X18" to support steel columns and roof.
4. Earth work in excavation and preparation of sub grade.
5. P/L cement concrete 1:8:16.
6. P/F interlocking paver block flooring.
7. P/F fiber glass sheet roofing.

The expenditure on this work shall be charged under Head 4217 (P) “ Non Residential Buildings” The budget allocation, cost of already approved estimate and expenditure already incurred under this head is as under:

1.	Budget allocation.	Rs. 35.00 lac.
2.	Total amount of spill over works upto 31.3.2009	-Nil-
3.	Total amount of estimate sanctioned after 1.4.09	Rs. 30.11 lac
4.	The expenditure incurred during current financial year.	Rs. 1.05 lac

Matter is placed before the General House of the Municipal Corporation, Chandigarh for its consideration and decision.

**S.E.(B&R).M.C.**

**E.E.Roads Divn. 2**



## **AGENDA ITEM NO.6**

**Subject: Rough cost estimate for construction of community centre Sector 48-C, Chandigarh.**

**(Amount : Rs. 602.00 lac)**

The Chief Architect, Department of Urban Planning, Chandigarh Administration vide memo No. Arch-2009/17782 dt.13.10.2009 has supplied architectural drawings for construction of community centre in Sector 48-C, Chandigarh. Based on this drawing, an estimate amounting to Rs. 602.00 lac has been prepared with the following scope of work:

### **Scope of work :**

1. Construction of building portion : Three storey including basement with accommodation as below:
  - a) Basement .
  - b) Ground Floor : Hall, reading room, entrance lobby, Manager room, kitchen/pantry, Jan Sampark Kiosk and toilets.
  - c) First Floor : Gymnasium, card room, T.T. Room, carrom room, library, guest room, care taker room and toilets.
2. Provision for anti termite treatment.
3. Provision for boundary wall with M.S. gate.
4. Provision for construction of surface parking.
5. Provision for lift ( eight persons).
6. Provision for Horticulture works.
7. Provision for fire fighting.
8. Provision for various services such as water supply, sanitary installations and electrical installations.

This work will be executed in the year 2010-11 and 2011-12 against budget provisions under head "4217(P) –Civic work".

**Specifications :** The work will be carried out as per CPWD/MORT&H specifications latest edition amended upto date.

**Plan for execution of work:** The work will be executed in the following packages through approved agencies after inviting the tenders.

**Package – I:** Construction of three storey building public health services, electrical services.

**Package – II:** Construction of surface parking.

**Package – III:** Installation of lift.

**Package – IV:** Arboriculture works.

**Package – V:** Fire Fighting.

**Time:** It will take about 18 months time to complete the work.

Matter is placed before the General House of the Municipal Corporation, Chandigarh for its consideration and decision.

S.E.(B&R).M.C.

E.E.Roads Divn. 1

## AGENDA ITEM NO.7

**Subject: - Supply and Carriage of 5000 M.T. PPC cement (100000 bags) for store of M.C., Chandigarh.**

To meet with the requirement of cement of various wings of Municipal Corporation Chandigarh, the tender for supply and carriage of 5000 M.T. P.P.C cement (100000 cement bags) as per IS –1489 for M.C. Store, Chandigarh was invited through press publicity. On the due date of opening i.e. 11.02.2010, the following two agencies participated in this tender:

1. M/s Cement Corporation of India Limited, SCO 56-57, Sector 17-D, Chandigarh
2. M/s Shree Cement Ltd, # 3411, Sector 38-D, Chandigarh.

The rate and conditions quoted by the agency is as under: -

<u>S.No.</u>	<u>Name of Agency</u>	<u>Quoted rates</u>	<u>Original terms and conditions</u>														
1	M/s Cement Corporation of India Limited, SCO 56-57, Sector 17-D, Chandigarh	<p>For PPC Cement IS 1489-1976 @ <b>Rs.205 /-</b> per cement bag (Rs. Two Hundred &amp; Five only) of 50 kg bag in PP bags FOR at your store in Chandigarh. The above rates including present excise duty, HP Tax, Road Freight and unloading and stacking.</p> <p>The original price break up of rates as given on 11.02.2010 alongwith tender is as under</p> <table border="1"><thead><tr><th>Description</th><th>Rate per bag (Rs.)</th></tr></thead><tbody><tr><td>Basic Price with excise duty</td><td>150.92</td></tr><tr><td>CST @ 12.50%</td><td>18.86</td></tr><tr><td>Freight</td><td>27.22</td></tr><tr><td>H.P. Tax</td><td>6.50</td></tr><tr><td>Unloading</td><td>1.50</td></tr><tr><td><b>Total</b></td><td><b>205.00</b></td></tr></tbody></table> <p>Total Cost:-</p>	Description	Rate per bag (Rs.)	Basic Price with excise duty	150.92	CST @ 12.50%	18.86	Freight	27.22	H.P. Tax	6.50	Unloading	1.50	<b>Total</b>	<b>205.00</b>	<p>1.The company has deposited an earnest money of Rs.4,50,000/- vide D.D.No.238012 dated 5.02.2010 of Oriental Bank of Commerce.</p> <p>2. <b>Validity of Offer:-</b> Our offer is valid for your acceptance upto 30 days for place of order along with 100% delivery which it would be subject to our confirmation.</p> <p>3. <b>Payment Terms:-</b> 100% payment after delivery by way of demand draft/cheque favouring 'Cement Corporation of India Limited' and payable to Chandigarh. Bank charges if any shall have to be borne by you.</p> <p>4. <b>Force Majeure:-</b> This officer is subject to force majeure conditions.</p> <p>5. <b>Purchaser Preference:-</b> Ministry of Industries, Department of Public Enterprises, wherein it has been clearly mentioned that in case our prices are within 10% limit of the lowest tenderer, the order at lowest rates, may be placed on us. The cement will be supplied in multiple of 12 MT per truck i.e. 240 bags.</p> <p>6. <b>Production Capacity:-</b>CCI has 12 operating units all over India. The nearest plants is at Paonta Sahib,</p>
Description	Rate per bag (Rs.)																
Basic Price with excise duty	150.92																
CST @ 12.50%	18.86																
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Unloading	1.50																
<b>Total</b>	<b>205.00</b>																

		<p>1,00,000 cement bags x 205/- per bag = Rs.2,05,00,000/-</p>	<p>Distt Sirmur, H.P. We can supply 2,000 to 2500 MT per month, however delivery schedule will be adhered to as per your NIT. The production of our running units is approximately 20,00,000 (twenty lacs MT per annum). .</p> <p>7. <b>Taxes :-</b> The rates quoted by the agency are inclusive of present excise duty, S.T./CST @ 12.5% will have to be borne by the consignee actual at the point of entry and will be paid directly.</p> <p>8. <b>Price Escalation:-</b> Any increase in statutory taxes and duties if any during the tenure of the contract shall be borne by the purchaser. Increase in pieces on account of reasons beyond our control shall have to be borne by you.</p> <p>9. <b>Delivery:-</b> Commencement of supply within 5 days of the received of your clear order and confirmed order and supply will be made in phased manner within stipulated days as per DNIT.</p>				
2.	<p>M/s Shree Cement Ltd., # 3411, Sector 38-D, Chandigarh</p>	<p>For PPC Cement as per IS 1489 @ <b>Rs.229.45/-</b> per cement bag (Rs. Two Hundred Twenty Nine and Forty Five Paisa) of 50 kg bag in HDPE bags FOR at your store in Chandigarh.</p> <p>The price is inclusive of unloading charges, excise duty, packing charges and inter state central sales tax/value added tax as applicable.</p> <p>The original price break up of rates as given on 11.02.2010 alongwith tender is as under</p> <table border="1" data-bbox="480 1738 922 1934"> <thead> <tr> <th data-bbox="480 1738 753 1881">Description</th> <th data-bbox="753 1738 922 1881">Rate per M.T (Rs.)</th> </tr> </thead> <tbody> <tr> <td data-bbox="480 1881 753 1934">Ex Factory Price</td> <td data-bbox="753 1881 922 1934">2871.00</td> </tr> </tbody> </table>	Description	Rate per M.T (Rs.)	Ex Factory Price	2871.00	<p>1. The company has deposited an earnest money of Rs.4,50,000/- vide D.D.No.897187 dated 9.2.2010 of State Bank of Bikaner &amp; Jaipur, Chd,</p> <p>2. <b>Price Escalation:-</b> Any statutory increase in levies or any new levy imposed by Central or State Governments like Excise Duty, Sales Tax, Railway Freight etc during the supply period will be to your account.</p> <p>3. <b>Validity of Offer:</b> - This offer is valid upto 28<sup>th</sup> February 2010.</p> <p>4. <b>Delivery Period:</b> - Our validity for supplies is as per your DNIT. After receipt of confirmed supply order along with photocopy of demand draft/cheque, we shall start supply the cement as soon as possible (please indicate your delivery schedule in the order, which will be subject to our confirmation).</p>
Description	Rate per M.T (Rs.)						
Ex Factory Price	2871.00						

		Freight from factory to Chd.	685.00	<p>5. <b>Payment:</b> - 100% payment in shape of proof be submitted in advance along with the order for any multiple lot for the above quantity, the quantity shall be accepted with confirmed supply order.</p> <p>6. <b>Jurisdiction:</b> - In case of any dispute, the jurisdiction shall be Bewar (Rajasthan).</p> <p>7. <b>Force Majeure:</b> - This offer is made subject to standard Majeure Clause.</p> <p>8. <b>Delivery Schedule:</b> - The delivery shall be accepted as per schedule given.</p>
		Secondary freight from Chd Station to M.C., Chd	60.00	
		Handling charges at Railway Station	85.00	
		Excise duty on the offered priced @ 8.24% on 4589.00	378.00	
		VAT @ 12.50%	510.00	
		<b>Total</b>	<b>4589.00</b>	
		<p>Total:- Rs.4589/- per MT or Rs.229.45/- per cement bag</p> <p>Total Cost:-</p> <p>1,00,000 bags x Rs.229.45/- per bag = <b>Rs.2,29,45,000/-</b></p>		

From the above, it has been observed that the rates quoted by M/s Cement

Corporation of India Limited, SCO 56-57, Sector 17-D, Chandigarh is lowest i.e. Rs.205/- per cement bags including present excise duty, VAT, Road Freight and unloading and stacking and the total amount comes to Rs.2,05,00,000/-, which is well within the DNIT amount of Rs.2,21,00,000/-.

The matter is placed before the General House meeting for its consideration and approval please.

S.E.(B&R).M.C.

E.E.Roads Divn. 2

## **AGENDA ITEM NO. 8**

**Subject: Rough Cost Estimate for Widening of V-6 road and P/F 60mm thick paver blocks around various parks in Sector 43 A&B, Chandigarh.**

**(Amount: Rs. 43.22 lacs)**

The site was inspected by the worthy Commissioner, M.C., C.E.M.C., S.E.(B&R), M.C. alongwith E.E.R.-1 & undersigned on dated 13.1.10 and it was decided at site that the work of widening of V-6 road be taken first and the work of P/F paver blocks around parks shall be taken up in second phase.

Accordingly, this rough cost estimate amounting to Rs. 43.22 lacs has been prepared by taking 3' widening of V-6 road and 7' wide paver blocks around the parks . The scope of work taken in the estimate is as under:-

1. Dismantling of existing kerbs & channels.
2. Earth work in excavation.
3. Carriage of earth by mechanical transport including loading & unloading.
4. Preparation of sub grade.
5. Fixing of old kerbs & channels.
6. P/F PCC kerbs & channels.
7. P/L in position CC 1:8:16.
8. P/F 60mm thick paver blocks,

The expenditure for this work shall be charged to head "4217 – (P) – Roads & Bridges". The budget estimates, budget allocation, amount of already approved estimates and expenditure under this head for Roads Division No. 3 is as under:-

i)	Budget Allocation	:	Rs. 100.00 lacs
ii)	Total Amount of spill over works approved upto 31.3.09.	:	Rs. 0.00 lacs
iii)	Total Amount of estimates sanctioned after 1.4.09.	:	Rs. 56.54 lacs
iv)	Total of Sr. No. 2 & 3.	:	Rs. 56.54 lacs
v)	Expenditure incurred during current financial year.	:	Rs. 78.36lacs

The matter is placed before the General House for its consideration and approval please.

**S.E.(B&R) M.C.**

**E.E.Roads-3, M.C.**

## **AGENDA ITEM NO. 9**

**Sub:                   Enactment of Public Disclosure Law.**

The following two no. projects were approved by Govt. of India, MOUD under JNNURM-

1.     Up-gradation of water supply infrastructures for proper monitoring & automation with remote computerized surveillance system to accomplished 24 x 7 water supply in Chandigarh under JNNURM.
2.     Conversation of drinking water by harvesting of the tertiary treated sewage for irrigation of green spaces Chandigarh.

While approving these projects, there were three type of reforms to be achieved:-

1. STATE LEVEL REFORMS
2. ULB LEVEL REFORMS
3. OPTIONAL REFORMS

The enactment of Public Disclosure law is one of the State Level Reform and is a mandatory reform. It is to be notified by the Chandigarh Administration, Local Govt. Department. Thus the Public Disclosure Law duly vetted by Law Officer, M.C. Chandigarh and allowed by the competent authority is placed before the House of Corporation for its consideration and approval to be sent to Secretary, Local Govt., Chandigarh Administration for enactment.

SEMC(PH)

## **AGENDA ITEM NO. 10**

### **Sub: Estimate for Providing additional sewer line from V-3 road Sector 55/56 to Sewerage Sump pump Sector 55(Palsora) ,Chandigarh.**

The existing sewer line was laid in the year 1993 for the area Sector 55 and Sector 56 Reh.colony and the feeding area was very limited. The route at the line to laying the sewer line was through Chandigarh Housing Board houses Sec.55,Chandigarh .Now the water level of the area has been increased upto the depth 8-10 feet from ground level, however the existing line has been laid 16-17 feet deep from ground level. Due to sub soil water the existing sewer line remains blocked frequently and has also been damaged from the different parts as such the residents of the area are suffering badly. The working space in the area is very less and the sewerage system can be collapsed at any time. Moreover due to blockage of sewer line frequently the sewerage water enters in N-Choe which is also objectionable by Pollution Control Board. The additional sewer line is urgently required to be laid for smooth functioning the sewerage system.

Accordingly, the rough cost estimate has been prepared and amount works out to Rs.57.54 lacs including 3% contingency and P.E.Charges and is being submitted for according its administrative approval .

It has been proposed to lay 18" i/d & 24" i/d RCC pipe Np-3 with P.E. lining for sewer line. There are 16 Nos.Manholes chambers have been proposed in the estimate.

As such , the estimate amounting to Rs.57.54 lacs duly allowed by the competent authority is placed before General House of Corporation, for its consideration and approval. The expenditure is chargeable to Head – 4217 Plan (Sewerage). The budget provision is as under.

Total Budget Provision	= Rs.100.00 Lacs
Expenditure upto till date	= Rs. 23.13 Lacs
Balance Amount	= Rs. 76.87 Lacs
Amount of proposed estimate	= Rs.57.54 Lacs

SEMC(PH)

EEMCPH-IV



## **AGENDA ITEM NO.11**

**Subject: Rough Cost Estimate for Widening & carpetting of V-6 roads in Sector 31 D, Chandigarh.**

**(Amount: Rs. 40.40 Lacs)**

Due to ever increasing number of private vehicles, the problem of traffic congestion on internal roads in various sectors has increased considerably. In order to resolve the problem, the Municipal Corporation has decided to widen the V-6 roads in various sectors. The V-6 roads in Sector 31 D were earlier carpetted during 2003 and are due for recarpetting during the year 2009 as per the policy of Municipal Corporation, Chandigarh.

Accordingly, this rough cost estimate amounting to Rs. 40.40 lacs has been prepared. The scope of work taken in the estimate is as under:-

1. Earth work in excavation including loading, unloading.
2. Preparation of sub grade.
3. P/L 150mm thick GSB.
4. Construction of road with WBM specification by providing 75mm thick soling course and 75mm thick wearing course covered by one coat of surface dressing.
5. P/L 25mm thick SDBC with tack coat.

### **Plan of Execution of work:**

The work will be executed in following package:-

<b>Package No.</b>	<b>Description of work</b>	<b>Amount</b>
<b>Package - I</b>	Widening of road upto surface dressing including P/F new kerbs & channels.	1111968.00
<b>Package - II</b>	P/L 25mm thick SDBC with tack coat.	2810197.00
	Add 3% contingencies	117665.00
	<b>Total</b>	<b>4039830.00</b>

This work will be executed in the next financial year 2010 – 11 against budget provisions under head “4217 (Plan) – Widening of V-6 roads.

The matter is placed before the General House for its consideration and approval please.

**S.E.(B&R) M.C.**

**E.E.Roads-1, M.C.**

## **AGENDA ITEM NO. 12**

**Subject: Rough Cost Estimate for Widening & strengthening of internal roads in front of Plot No. 489 – 1066 (marla plot in Industrial Area, Phase – II, Chandigarh.)**

**(Amount: Rs. 297.71 Lacs)**

Due to conversion of Industrial plots into multiplexes / shopping malls, as per policy of the Chandigarh Administration, the traffic in industrial area is going to increase tremendously. To take the increased load of traffic, the industrial roads need to be widened and strengthened. The overlay crust design for internal roads was got done by the P.E.C. Authorities for the adjoining pocket and the same recommendations have been followed, which was vide their memo No. CED/08/1351 dated 15.12.08. The report is also appended in the estimate.

These roads were last carpetted in the year 2003 – 2004.

Accordingly, this rough cost estimate amounting to Rs. 297.71 lacs has been prepared. The scope of work taken in the estimate is as under:-

1. Dismantling of existing kerbs and channels.
2. Earth work in excavation by mechanical means.
3. Carriage of earth by mechanical transport i/c loading, unloading.
4. Preparation of sub grade.
5. Construction of compacted GSB
6. P/L primer coat with medium setting bitumen emulsion.
7. P/A tack coat.
8. P/L 50mm thick BM.
9. P/L 40mm thick bituminous concrete.
10. Fixing of old / new kerbs & channels.
11. P/F new kerbs & channels.
12. P/L CC 1:8:16.
13. P/F 80mm thick high density interlocking paver blocks.
14. Provision for shifting of road gullies.
15. Provision for shifting of street light poles.

**Plan of Execution of work:**

The work will be executed in following package:-

<b>Package No.</b>	<b>Description of work</b>	<b>Amount</b>
<b>Package - I</b>	Widening of road upto surface dressing including P/F new kerbs & channels.	15341922.00
<b>Package - II</b>	P/L 50mm thick Bituminous Macadam & 40mm thick Bituminous concrete with tack coat.	13177086.00
<b>Package - III</b>	Provision for shifting of road gullies	150000.00
<b>Package - IV</b>	Provision for shifting of street light poles	235000.00
	Add 3% contingencies	867120.00
	<b>Total</b>	<b>29771128.00</b>

This work will be executed in the next financial year 2010 – 11 against budget provisions under head “4217 (Plan) – Roads & Bridges.

The matter is placed before the General House for its consideration and approval please.

**S.E.(B&R) M.C.**

**E.E.Roads-1, M.C.**

### **AGENDA ITEM NO. 13**

**Subject:- Rough Cost Estimate for Design, Supply, Erection and Commissioning of One No. LPG Based Cremation Furnace at Cremation Ground, Sector 25, Chandigarh.**

At present there is one Electric Crematorium in Cremation Ground, Sector 25, Chandigarh and another which was installed in the year 1974-75 has out-lived its economic and workable life and is out of order since long. This Electric Furnace is beyond repair. Now keeping in view the modernization of cremation and awareness in the public another LPG based Cremation Furnace is proposed in place of existing abandoned Electric Furnace.

With the rise in population and reduction in forest cover the economical balance is disturbed and the traditional cremation generates nearly 50 kgs of ash etc. Also the traditional cremation system gives out lot of foul smell, fly ash and smoke which pollute environment of the area near the Cremation Ground. The shortage of fire wood and non-availability of dry wood is also a problem and there is continuous increase in demand of electricity which is also cause of concern for the Electric Cremation and dependability on electricity for cremation. It is proposed that one new LPG based Cremation Furnace be provided in the same vicinity so that the dependability on Electric Crematorium may be reduced.

The Commissioner, Municipal Corporation, Chandigarh has also ordered that Worthy Advisor to Administrative has desired in the Secretaries meeting held on 07.10.2009 that LPG Gas based Crematorium may be installed in place of the abandoned Electric Furnace in Sector 25, Chandigarh.

The provision for Supply and Erection of LPG based Cremation Furnace having latest technology and capacity for 6 to 7 cremations per day have been made. The existing chimney and electric control panel will be used for the same and separate water scrubber and other allied works are in the scope of work.

The existing D.G. Set will be used for backup electric supply for running the fan motor and water pump etc. and the LPG Gas bank (Cylinders) will be separately arranged departmentally means it does not include in the scope of manufacturer/supplier.

The provision has also been made for 60 Nos. LPG Gas Cylinders of domestic supply or equivalent weight commercial supply as fuel for smooth running of this Furnace. The existing abandoned electric furnace will be dismantled and the same place LPG based furnace

will be installed. The civil works as per design of the furnace will be done departmentally for which scope has been taken as per site requirement.

The running cost for one combustion i.e. one cremation will consume about 20 Kg. of LPG Gas and thus at the current commercial rate of Gas the cost will be approximately Rs. 1000/- per body. In addition to this four persons will be deployed for handling the body as well as operation of the furnace. The scope of work included in this estimate do not include in any other approved/unapproved estimates.

Hence the agenda for this estimate amounting to Rs. 52.83 lacs has been prepared for design, supply, erection & commissioning of LPG Gas based Crematorium after collecting the information from different manufacturers in this field and also collecting information from internet etc.

S.E. (B&R),  
M.C. Chd.

E.E. (Elect.),  
M.C. Chd.

**S.E. (B&R) M.C**

**E.E.Roads-II, M.C**