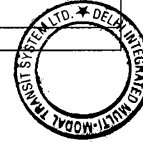


PROJECT : Construction of Multi Level Bus parking and Depot at Gadaipur, New Delhi on Design & Built  
Basis  
Corrigendum No:2

S. No.	Queries/Observation	
	As per Bidder	As per DIMTS
1	The throughput of the facility is not mentioned in the tender. We request you to make it one hour because as per the pattern study of DTC depots normally half of the buses leave the depot in the morning in one hour	This has already been clarified in the tender documents and the same shall prevail.
2	We also request you to allow the bidders to submit two technical proposals 1) Manual Parking 2) Automatic parking	The bidders can submit alternative bids but the same shall be evaluated as per the evaluation criteria laid down in the tender documents
3	We also request for incorporating marking system in evaluation in Technical as well as Price Bid so that Automatic system does not get out priced and gets a fair chance.	Tender conditions shall prevail
4	The tender mentions drawing to be followed of the tender document as per clause 2.1.2 clause © on page 40. These drawings are not uploaded. Please provide these.	Please read Site Plan Sketch instead of Tender Drawings. the same are enclosed in tender documents
5	Technology Preference and price leverage should be given in the evaluation process by incorporating this in the marking system	The tender conditions shall prevail
6	The construction period should be increased from 12 months to 18 months	The construction period should be read as <b>18 months</b> instead of 12 months as mentioned in the tender documents
7	Height clearance of the building subject to Airport Authority clearance.	The bidder will have to get all the statutory clearances including from Airport Authority of India as already mentioned in the tender documents
8	We also request you to please change the date of bid submission to 15th January 2010 because Europe will be closed for Christmas and New Year till 3rd January 2010 and our principals are based in Germany	The time and dates for tender sale , tender submission and opening also have been extended as under: Tender sale: Upto 1600 hrs of 14.01.2010 Tender submission: Upto 1500 hrs of 15.01.2010 Tender opening : Upto 1530 hrs of 15.01.2010 Venue and other conditions will remain unchanged.
9	Bill of quantity	Bill of Quantity is enclosed as volume -2





**DELHI TRANSIT**

**Delhi Integrated Multi-Modal Transit System  
Ltd.**

**CONSTRUCTION OF MULTI LEVEL BUS PARKING AND DEPOT AT  
GADAIPUR, NEW DELHI ON DESIGN AND BUILT BASIS**

**Bill of Quantities**

**VOLUME - 2**

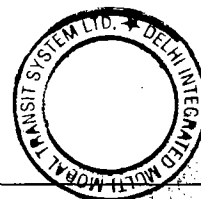
**DECEMBER, 2009**

**1ST FLOOR, MAHARANA PRATAP ISBT BUILDING**

**KASHMERE GATE, DELHI – 110 006**

**TEL: +91-11-43090100, FAX: +91-11-23860966**

Website: [www.dimts.in](http://www.dimts.in)



### **PREAMBLE**

1. The Bill of Quantities shall be read in conjunction with Instructions to tenderers, General and Special Conditions of Contract, Notice Inviting Tenders, Technical Specifications and Drawings.
2. The bill of quantities is sub-divided in three schedules as under :

(i) Schedule 'A' of Bill of Quantities : This schedule comprises of scope of work as covered/detailed in "Scope of Work mentioned in Employer's Requirements". The tenderer has to quote a "total lump sum amount "against scope of work under Schedule 'A' . The payment for work done under this schedule will be made as per Schedule for on account stage payment enclosed as Annexure 1 of Schedule 'A'.

(ii) Schedule 'B' of Bill of Quantities: Schedule 'B' comprises of Item rate Bill of Quantities related to Traffic, Safety & other miscellaneous works to be executed on item rate basis not included in the Schedule 'A' above. The tenderer has to quote the rate (in words and figures) against each item in Schedule "B". The payment shall be made as per the quantum of work executed at the rates quoted by Contractor for individual BOQ item. Contractor will have no right for any claims whatsoever like loss of profit etc. in case the actual quantum of work executed against any BOQ item is less than the quantities given in BOQ. Similarly, in case of increase in quantities beyond BOQ provisions, no rate revision shall be affected and quantities under variation shall be executed by Contractor at quoted BOQ rates.

(iii) Schedule 'C' of Bill of Quantities: This schedule comprises of percentage rate Bill of Quantities for works under DSR 2007 for Civil works and DSR – 1994 for Electrical Works. Under this Schedule the contractor has to do all works which are not covered in Schedule A and B for any other work as per site requirements and direction of the Engineer. The basic amount of work considered under this schedule is Rs. 7,00,000/- [Rs. Seven Lakhs only]. The tenderer has to quote percentage above/below/at par rates against schedule 'C'.

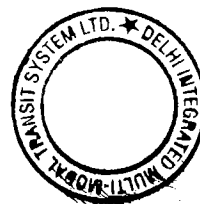
The basic amount of work indicated above is provisional. The value of work executed under this schedule may be less than this amount. In such an eventuality, Contractor will have no right for any claims whatsoever like loss of profit etc. Similarly, the value of work to be executed under this schedule may be more than the amount mentioned above. However, irrespective of the quantum of work involved, the works shall be executed and paid for as per the percentage above/below/at par rates quoted by Contractor and no rate revision shall be affected in any case.

3. The quoted rates and prices in Priced Bill of Quantities will be deemed to include all plant, labour, supervision, materials, transport, all temporary works, erection, maintenance, taxes and duties, contractor's profit and establishment/overheads, together with preparation of design and drawings, all general risks, insurance liabilities, compliance of labour laws and obligations set out or implied in the contract.
4. If the tenderer fails to quote rate against "Schedule A of bill of quantities, the tender will be treated as incomplete and non-responsive and shall be rejected. Similarly, if the tenderer fails to quote rate against any item (for which quantity has been provided) in

Schedule "B" of bill of quantities, the same will not be paid for by Employer when executed and shall be deemed to have been included by the tenderer in the rates and prices for other items in the bill of quantities.

Similarly, if the tenderer fails to quote percentage above/below/at par rates against schedule 'C', it will be deemed to have been quoted "at par" and payment for any work undertaken under this schedule shall be made at DSR, rates as mentioned.

5. General directions and descriptions of work and materials are not necessarily repeated, nor summarized in the Unit Priced Bill of Quantities. Reference to the relevant sections of the contract documentation shall be made before entering prices against each item in the Unit Priced Bill of Quantities.
6. Tenderers shall fill the Unit Priced Bill of Quantities in Rupees only.
7. Errors will be corrected by the employer for any arithmetic errors in computation or summation as per contract conditions.
8. All the unit rates should be filled both in figures and words and amounts should be filled in figures only.
9. All columns in the Bill of Quantities shall be filled in indelible ink or type written and the total tender amount shown in the bottom. The person authorized to sign on behalf of the Tenderer shall sign in full with company seal and date at the bottom of all pages and at the end of summary sheet, schedules 'A', Annexure – 1 to schedule-A, Schedule 'B', & Schedule 'C'. Any corrections shall be made by clearly striking out the previous data, writing the correct figure/data and putting signature of the authorized signatory at the place of correction. Use of correction fluid is not allowed.
10. This Schedule of Payment enclosed as Annexure 1 of Schedule 'A' is purely for the purpose of releasing 'On Account payments' for the work executed under the 'Lump Sum component' of the work i.e. scope of work under schedule A.
11. The works executed against the BOQ items in Schedule B and DSR items under schedules 'C' would be paid on measurement basis.
12. The payment under the Payment Schedule will cover all work specified in the tender drawing and / or provided in the scope of work. The Schedule of Payment will not get modified due to alterations of any type so far as the modifications/alterations are within the scope of work and/or provided for in the tender drawings.
13. The Contractor may raise their 'On Account' payments on monthly basis as per the status of work on the last day of the respective month.





## Construction of Multi Level Bus parking and depot at Gadaipur , New delhi on Design &amp; Build Basis

## Summary of Schedules A, B &amp; C of BOQ

S.No	Description	Amount (in Rs.)	
		(In figures)	(in words)
1	Schedule A		
2	Schedule B		
3	Schedule C		
	Total Tender Sum(in Figures)[1+2+3]		
	Total Tender Sum(in Words)[1+2+3]		
	Rebate/Discount Offered , if any =		%
	Total Tender Sum after Rebate		
	(i) In figures		
	(ii) In Words		

Construction of Multi Level Bus parking and depot at Gadaipur , New delhi on Design &amp; Build Basis



Bill of Quantities			
SCHEDULE - A			
S.No.	Item	Lump Sum Amount quoted	
		In figures(Rs.)	In words( In Rupees)
1	Price for scope of work included under schedule-A of BOQ as defined under "Employer's Requirement -Scope of Work-Functional " Volume - 1 of tender documents		
(a)	Construction of Multi Level Bus parking and depot at Gadaipur , New delhi on Design & Build Basis		

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## Annexure - I of Schedule - A

## SCHEDULE FOR ON ACCOUNT PAYMENTS UNDER LUMP SUM PORTION

The payment would be governed by the stage payment schedule as detailed below:

Percentage Breakup of the cost components for Bus Depot in various components shall be as under-

S.No.	Item	Percentage of the Total Tendered Cost of Schedule- A
1	<b>CIVIL WORKS</b>	
a	Completion of Substructure work up to plinth level	10%
b	Completion of 50 % of super structure	15%
c	Completion of balance 50 % super Structure including mummy and OHWT	15%
d	Finishing work (brickwork, plaster, POP, false ceiling, flooring ,woodwork, door /window, painting etc)	15%
e	External Development including MEP work	5%
2	<b>Services work (MEP)</b>	
a	Plumbing and sanitary work i/c fitting and fixtures	5%
b	ELECTRICAL(Low & High side) & DG WORKS (supply , installation , fixing and testing /commissioning ) i/c fittings & fixtures	12%
c	Air-conditioning in area as specified in tender	2.00%
d	Other service viz-fire alarm system , security access system, PAS, CCTV, Telephone ,IT , computers , UPS etc)	6.00%
3	<b>Final Testing &amp; Commissioning</b>	10.00%
4	<b>Clearing of site &amp; Handing Over</b>	5.00%
(i)	The above provisions would not mean confinement of the work for the measurable areas only. The Contractor has to carry out the entire work specified in the Tender Drawings and/or specified in the Scope of Work but only for the purpose of payment, would get paid as per the procedure specified.	
(ii)	The successful contractor will prepare the quantity schedule and submit a quantity schedule as per the details finalized by them for the components listed above. Unit payment of the items shall be governed by the quantity schedule within percentage payment specified for that item.	
(iii)	The successful contractor will prepare a quantity schedule for payment of individual items within the main item as per the payable units detailed above within the percentage payment payable on completion of individual units. All the payments would be made as per this quantity schedule after approval of the same by the Engineer. The Contractor should note that while stage payments shall be governed by the quantity schedule, total cost of the Lump Sum component would remain unchanged for the specified work.	
(iv)	The payment for part of any stage, mentioned above, can be made on pro rata basis at the direction of Employer.	

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## Construction of Multi Level Bus Parking and Depot at Gadaipur, New Delhi

### Bill of Quantities

#### Schedule – B

Item No.	Description of Item	Unit	Quantity	Rate (Rs.)		Amount (Rs.)
				(in figures)	(in words)	In figures
01	Providing and erecting a wire rope safety barrier with vertical posts of medium weight RS Joist (ISMB series) 100 mm x 75 mm (11.50 kg/m), 1.50 m long 0.85 m above ground and 0.65 m below ground level, split at the bottom for better grip, embedded in M 15 grade cement concrete 450 x 450 x 450 mm, 1.50 m center to center and with 4 horizontal steel wire rope 40 mm dia and anchored at terminal posts 15 m apart. Terminal post to be embedded in M 15 grade cement concrete foundation 2400 x 450 x 900 mm (depth), strengthened by a strut of RS joist 100 x 75 mm, 2 m long at 450 inclination and a tie 100 x 8 mm, 1.50 m long at the bottom, all embedded in foundation concrete as per approved design and drawing, rate excluding excavation and cement concrete.	R-m	60			



Item	Description of Item	Unit	Quantity	Rate (Rs.)		Amount (Rs.)
02	Provision of red fluorescent with white reflective sleeve traffic cone made of low density polyethylene (LDPE) material with a square base of 390 x 390 x 35 mm and a height of 770 mm, 4 kg in weight, placed at 1.5 m interval, all as per BS 873	Nos.	10			
03	Installation of a steel portable barricade with horizontal rail 300 mm wide, 2.5 m in length fitted on a 'A' frame made with 45 x 45 x 5 mm angle iron section, 1.5 m in height, horizontal rail painted (2 coats) with yellow and white stripes, 150 mm in width at an angle of 45°, 'A' frame painted with 2 coats of yellow paint, complete as per IRC:SP:55-2001	Nos.	01			
04	Provision of metal drum/empty bitumen drum delineator, 300 mm in diameter, 800 mm high, filled with earth for stability, painted in circumferential strips of alternate black and white 100 mm wide fitted with reflectors 3 Nos of 7.5 cm dia, all as per IRC:SP:55-2001	Nos.	10			
05	Positioning of a smart flagman with a yellow vest and a yellow cap and a red flag 600 x 600 mm securely fastened to a staff 1 m in length for guiding the traffic	Nos.	02			
06	Providing and fixing of retro- reflectorised cautionary, mandatory and informatory sign as per IRC :67 made of high intensity grade sheeting vide clause 801.3, fixed over aluminium sheeting, 1.5 mm thick supported on	Nos.	04			





Item	Description of Item	Unit	Quantity	Rate (Rs.)	Amount (Rs.)
	a mild steel angle iron post 75 mm x 75 mm x 6 mm firmly fixed to the ground by means of properly designed foundation with M15 grade cement concrete 45 cm x 45 cm x 60 cm, 60 cm below ground level as per approved drawing				
	Total				
	Total in words				

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10



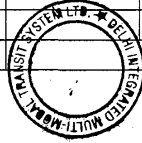


## Construction of Multi Level Bus parking and depot at Gadaipur , New delhi on Design &amp; Build Basis

## Schedule C

The tenderer has to quote a single percentage above/below/at par for following items

S. No.	Any DSR 2007 items Description	Unit	Basic Amount	% above/below/at par DSR 2007	Amount(in figures)
1	<b>Works Under DSR - 2007 (Civil works)</b> All works like diversion of uncharted utility etc or any other item or works which is not covered in Schedule A and B and is to be executed as per the direction of Engineer.	LS	500000		
2	<b>Works Under DSR - 1994 (Electrical Works)</b> All Electrical works for Employer's site office and any other items or works which is not covered in Schedule A and B and is to be executed as per the direction of Engineer.	LS	200000		
	<b>Total cost of schedule C</b>				
	<b>in figures Rs</b>				
	<b>in words Rupees</b>				



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