

Minutes of Board Meeting 7/2018-19 of Aurangabad Smart City Development Corporation Limited held on February 28, 2019 at 11.00 AM at Collector Officer, Aurangabad – 430001. The list of people present in the meeting is annexed (Annexure A). The following issues were discussed in the meeting:

1. City Bus Project

1.1. The CEO apprised the Board that the City Bus Service, envisaged under the Pan-City component of the Aurangabad Smart City project and operated by MSRTC, became operational on January 23rd, 2019 with a fleet of 24 buses on 14 routes. Since commencement, operations have been scaled up to 32 buses on 18 routes with 6 buses kept as spare in case of exigencies. A list of all operational routes along with the headway on those routes is included as Annexure 1.

1.2. Further, the CEO informed the Board of the performance parameters for the City Bus Service pertaining to the period between January 23rd, 2019 and February 25th, 2019 are as follows:

- Fleet size: 38
- Daily Ridership: 9218
- Ridership Per Bus: 351
- Fleet Utilization (%): 87%
- Average Vehicle Utilization (in KM/Day): 195
- Occupancy (%): 36.68%

1.3. The financial performance parameters are as follows:

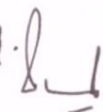
- Total Earnings: INR 34,54,540
- Earnings Per KM (EPK): 17.41

The CEO informed the Board that there is a need to seek reimbursement for the concessions being offered, as is the case with other State/Municipal Transport Undertaking, in order to improve the finances of the City Bus Service. The Chairman advised that the concessions are typically borne by the agency that slabs them. However, the state government may be approached for reimbursing the value of concessions being offered.

1.4. The Board was informed that the response of the residents of Aurangabad to the City Bus Service has been positive, reflecting widespread acknowledgment of filling of gap in public transportation system. Some sample news clips are enclosed at Annexure 2.

1.5. It was mentioned that a total of 43 buses have reached Aurangabad, out of which 38 buses have been registered and pressed into service. As updated in the previous ASCDCL Board meeting, MSRTC has initiated the process for recruiting the staff required for operationalizing the remaining buses. It was further informed that as an interim measure and until the recruitment process is over, MSRTC has issued orders for transfer of 80 drivers and 50 conductors to Aurangabad Division. As per the resolution of the previous (6th) Board meeting, the delivery of the remaining 57 buses is being staggered till April keeping in view staff provision/availability.

1.6. The Board was informed that the RFP for “Construction, Operation and Maintenance of Bus Shelters within Aurangabad Municipal Corporation Area on Design, Build, Operate and Transfer (DBFOT) Basis” concerning a total of 150 shelters was issued

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on 21/01/2019. The Board noted that the concession period is fixed at 15 years and that the bids would be evaluated based on highest premium offered per package. Further, 10% of the advertisement area is to be reserved for ASCDCL in addition to provision for ASCDCL/AMC logos. The locations of shelters and the tentative design is at Annexure 3. 10 agencies attended the pre-bid meeting and 6 agencies formally submitted their queries/suggestions to ASCDCL. The extended bid due date is 28th February 2019.

- 1.7. The Board was informed that the RFP for “Providing and Erecting Bus Stop Sign Poles” was finalized in the second call with three bids received in response (first call dated 19/12/2018; second call dated 03/01/2019). The work order was issued on 14/02/2018 and the same is included in Annexure 4. 372 Sign Poles are proposed to be constructed in Phase 1 and another 123 in Phase 2. The locations for installation of Sign Poles are included in Annexure 5.
- 1.8. The CEO informed the Board that RFP for “Appointment of Agency to Manage Advertisement Rights to Spaces Inside and Outside ASCDCL City Buses” has been issued. The following advertisement spaces are proposed to be assigned to a private agency who will in turn share revenue with ASCDCL in terms of an Advertisement Fee to be quoted on a per bus per month basis:

Bus Type	Advertisement Space	Dimensions	Quantity	Total Space for Advertisement
Tata Marcopolo Ultra Midi (32-seater Non AC)	Outer back portion of the bus	6.26 ft x 1.5 ft	100	939 sqft
	Back portion of the seats (27 seats available per bus)	1.64 ft x 2.46 ft		10892.88 sqft
	Upper (fixed) portion of the sliding windows—inside and outside the bus (8X2 panels per bus)	4.10 ft x 1.04 ft		6822.4 sqft
	LED Screen (to be provided by Successful Bidder)	1.25 ft x 1.67 ft		208.75 sqft
TOTAL				18863.03 sqft

The contract is proposed to be for a period of five years.

- 1.9. The CEO informed the Chairman of the following steps for further improvement of the service: a. timebound execution of construction of bus shelters and bus stop sign posts, b. operationalizing heritage routes, c. construction of bus depots for which

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estimates have already been prepared, d. setting up of own e-ticketing infrastructure and, e. integration of the on-bus ITS systems.

- 1.10. The Chairman advised that the possibility of introducing express buses that will have limited stops on suburban corridors should be explored. This was agreed to.
- 1.11. Further, the Board members discussed options for the next lot of 50 buses to be procured in Phase II of the project, including the possibility of inducting electric buses into the fleet. The CEO mentioned that a feasibility assessment would have to be carried out for the same. After discussion, it was agreed that feasibility study for including electric buses in Phase II may be carried out.

RESOLUTIONS PASSED IN 7th MEETING OF BOD DATED 28th Feb '19

“RESOLVED THAT the Board noted that updates on the commencement, performance and scaling up of the city bus service and complimented the management for initiation of bus service.”


“FURTHER RESOLVED THAT the Board noted the progress in the matters of construction of bus shelters, bus stop sign poles, and bus advertisements and authorized the CEO to conclude these contracts and initiate the work.”

“FURTHER RESOLVED THAT ASCDCL may approach the AMC in order to seek reimbursement for the concessions being given as part of the City Bus Service, who in turn may consider requesting such reimbursement from the State government.”

“FURTHER RESOLVED THAT the feasibility assessment for the buses to be procured in Phase II of the project may be carried out by ASCDCL.”

2. Master System Integration (MSI) Project

- 2.1. The CEO informed the Board that an MSI Project has been approved under the Pan-City Component of the Smart City Project. Broadly, the Project comprises of city surveillance with around 700 CCTV Cameras to be put up across the city and two Command and Control Centres, one for the Police and one for Municipal Administration. Besides, there are components of creation of Smart City web portal, mobile application, Smart Transportation (for City Bus Service), Smart SWM (GPS integration of collection vehicles, etc.), kiosks and signages.
- 2.2. The CEO further informed that the Board in its last meeting had approved the response to pre-Bid queries received for the RFP of the Project. Accordingly, necessary corrigendum was issued and three bids (M/s KEC International, M/s Aurionpro Solutions Ltd., and M/s NEC Tech. India Pvt. Ltd.) were received by the stipulated date.
- 2.3. The Board was informed that the bids were to be evaluated through a QCBS system with 80% weightage for Technical Quality and 20% for Commercial. The Technical Quality was to be assessed on the basis of parameters given in the RFP, that included 70 marks for Experience, Approach and Methodology, and Quality of Manpower, and 30 marks for Proof of Concept demonstrations. A Technical Evaluation Committee (TEC) was constituted for the evaluation of the bids. The Committee comprised of the following:

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No.	Name	Designation
1	Dr. Nipun Vinayak	CEO, ASCDCL (Chairperson)
2	Chiranjeev Prasad	Aurangabad Police Commissioner
3	Santosh Kawde	Nodal Officer, ASCDCL
4	Anju Uppal	Joint CEO, ASCDCL
5	Moreshwar Thatte	CFO, ASCDCL
6	Abdul Bari	System Manager, AMC
7	Jigar Patel	IT Head, Surat Municipal Corporation
8	Sanjay Ganjewar	NIC Officer (Expert Member)

Besides, Shri Padamvijay from Ministry of Housing and Urban Affairs, Government of India, remained present as an observer during the technical presentation. The Board was informed that the Committee evaluated all three proposals on the basis of RFP criteria. All three bidders made presentations before the Committee on 11th February 2019. The remarks of the Committee and evaluation score (out of 70) is given at Annexure 6. Further, the three bidders demonstrated the Proof of Concept (PoC) before the Committee at the Police Commissioner's office on 12th, 13th and 14th February. The evaluation score of the same is at Annexure 6.

- 2.4. All three bids received and evaluated by the TEC were found to be technically eligible and therefore Commercial Bids were opened. The Commercial Bids received, and QCBS evaluation of the three Bidders is at Annexure 6.
- 2.5. The CEO informed the Board that the Commercial Proposal of the highest-ranking bidder exceeded the estimates prepared by CH2M consultants on INR 120 crores excluding GST. The Board was further informed that the highest-ranking bidder was asked to provide justification for the proposed cost. The bidder has mentioned that the cost increase is due to a.) GST (nearly INR 20 crores) , b.) requirement of active components for aggregation of bandwidth such as switching and routing equipment, and c.) some additional line elements and higher specifications of cybersecurity components mentioned in the corrigendum.
- 2.6. The Board discussed the proposal and agreed that it was critical to approve the project in the interest of the city. The best price has been achieved based on transparent market competition. The estimates were excluding GST and therefore GST cost calculation is justifiable. As regards other components, a Committee comprising of the CEO, Commissioner of Police, Mayor, NIC representative Shri Sanjay Ganjewar and CH2M consultants may negotiate within 8 days with the highest-ranking bidder if any further cost optimization was possible. Subject to this, the Board approved the issuance of LOA to the highest-ranking bidder and authorized the Committee to finalize the negotiated cost.

RESOLUTIONS PASSED IN 7th MEETING OF BOD DATED 28th Feb '19

“RESOLVED THAT that the process and the findings of the Technical Evaluation Committee (TEC) is noted by the Board and approved. The Board also noted the commercial offers and the QCBS ranking.”

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“FURTHER RESOLVED that LOA may be issued to the highest-ranking bidder, being selected through competitive transparent evaluation. A Committee comprising of the CEO, Commissioner of Police, Mayor, NIC representative (Shri Sanjay Ganjewar) and CH2M consultants may analyze the Commercial Proposal of the highest-ranking bidder, negotiate and finalize the price and also the contract with the highest-ranking bidder at such negotiated price as arrived at by the Committee.”

3. ASCDCL SPV Organizational Strengthening and Appointment of Advisors

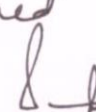
3.1. The CEO informed that Board that ASCDCL is planning to take up Projects in the fields of Heritage, Mobility (as part of Area Based Development), Smart Water, Smart Sewage, Water Conservation, Smart Environment, Smart Education and Smart Health. In order to implement these Projects, the Board in the last meeting approved engagement of Advisors in specific sectors. Accordingly, advertisements have been issued for the following positions:

- a. Senior Consultant (Transport and Urban Public Services)
- b. Senior Consultant (Heritage), and

3.2. The Board was informed that since Bus Transport Operations have been started, and since number of other projects pertaining to improvement in Urban Services are being envisioned, engagement of a Senior Consultant (Transport and Urban Public Services) was felt essential and advertisement floated for the same. The Scope of Work is given at Annexure 7. A Committee led by ASCDCL CEO interviewed the candidates on 18th February 2019 and selected the following candidate:

Name of the Post	Name of the Selected Candidate	Remarks by the Committee	Remuneration
Senior Consultant (Transport and Urban Public Services)	Pushkal Shivam	The candidate is highly qualified with Master's in Development Studies from IIT-Madras & Fellowship from IIHS, Bengaluru. He has good understanding of government schemes and urban policies, issues, challenges in urban service delivery and possible solutions. His approach is based on understanding of issues from different perspectives. He has experience of working in Smart City project where his work was impeccable.	INR 80,000 per month (all-inclusive on CTC basis)

3.3. Further, the Board was informed that the new proposed Area Based Development Project will focus on Heritage. In order to co-ordinate that work, an expert in Heritage is required to be part of ASCDCL team. Accordingly, an advertisement for the position of Senior Consultant (Heritage) has been floated and interview scheduled on 28th February 2019 at 9:00 AM. The Scope of Work is at Annexure 8. A Committee led by ASCDCL CEO interviewed the candidates on 28th February and selected the following candidate:

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Name of the Post	Name of the Selected Candidate	Remarks by the Committee	Remuneration
Senior Consultant (Heritage)	Tejaswini Aphle	The candidate is highly qualified with expertise in conservation, documentation, planning and implementation of heritage work. She has done prestigious work with A.S.I. And has strength of working with the system. Her approach is holistic including focus on intangible heritage and lookup at heritage work as an interdisciplinary work involving people as well. Having worked from outside earlier she wants to apply sound scientific principles as part of the team now.	To be negotiated with the Company.

3.4. Appointment of Company Secretary: The Board was informed that the candidate who was duly selected as Company Secretary, as mentioned in point 4.4 of the minutes of 5th meeting of the Board dated 12/09/2018, did not join ASCDCL. Suitable options for filling the post were explored and it was felt that a full time Company Secretary may not be needed in the current scheme of things. Therefore, quotations were invited from three agencies for providing the concerned services as and when needed by ASCDCL instead of a full-time position. Accordingly, it was proposed to the Board that KMP Associates (represented by Mr. Prasad Takalkar), who holds a good reputation and have offered the minimum quote may be engaged for providing this service.

RESOLUTIONS PASSED IN 7th MEETING OF BOD DATED 28th Feb '19

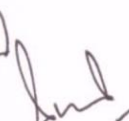
“RESOLVED THAT that the selection of the aforementioned candidates for the position of Senior Consultant (Transport and Urban Public Services) and Senior Consultant (Heritage) is approved by the Board at the proposed remuneration and for the scope of work mentioned in the agenda notes. Remuneration in the case of Senior Consultant (Heritage) may be finalized by the Company.

FURTHER RESOLVED THAT the process to appoint other Advisors/specialized agencies as approved by the Board may be expedited.

FURTHER RESOLVED THAT the appointment of KMP Associates (represented by Mr Prasad Takalkar) to provide the services of a Company Secretary is approved and that the CEO is empowered to finalize the appointment.”

4. **Smart Environment:**

4.1. The CEO informed the Board that, as part of Smart Environment, it is proposed to take up Projects that contribute to improvement in the environment of the City. Eco-Mission Central Naka (EMCN) is one such project that can be taken up immediately.

Approved 

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Senior Consultant (Heritage)	Tejaswini Aphle	The candidate is highly qualified with expertise in conservation, documentation, planning and implementation of heritage work. She has done prestigious work with A.S.I. And has stength of working with the system. Her approach is holistic including focus on intangiabile heritage and lookup at heritage work as an interdisciplinary work involving people as well. Having worked from outside earlier she wants to apply sound scientific principles as part of the team now.	To be negotiated with the Company.

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RESOLUTIONS PASSED IN 7th MEETING OF BOD DATED 28th Feb '19

“RESOLVED THAT that the selection of the aforementioned candidates for the position of Senior Consultant (Transport and Urban Public Services) and Senior Consultant (Heritage) is approved by the Board at the proposed remuneration and for the scope of work mentioned in the agenda notes. Remuneration in the case of Senior Consultant (Heritage) may be finalized by the Company.

FURTHER RESOLVED THAT the process to appoint other Advisors/specialized agencies as approved by the Board may be expedited.

FURTHER RESOLVED THAT the appointment of KMP Associates (represented by Mr Prasad Takalkar) to provide the services of a Company Secretary is approved and that the CEO is empowered to finalize the appointment.”

4. **Smart Environment:**

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The idea is to create an ecologically sensitive and oxy-rich green patch right in the middle of a very densely populated and polluted area of Zone 3 of Aurangabad, as the starting point for a possible conversion of Aurangabad as one of the first eco-cities in the country. This is eminently feasible and desirable, in the specific context of Aurangabad, as there is substantial in-house expertise available for this with MGM Clean India Centre, one of the partners of this project. This will be a multi-stakeholder collaborative initiative involving Aurangabad Smart City Development Corporation (ASCDCL), Aurangabad Municipal Corporation (AMC), MGM Clean India Centre and Knowledge Links.

- 4.2. The Board was informed of the following key components of the Project:
- i. Eco-friendly treatment of mixed solid waste, of approximately 5000 metric tons presently dumped at Central Naka, using Bio-culture and Bio-catalyst
 - ii. Separation of non-biodegradable waste from the rest and processing the same for sale to scrap dealers in the city and industries directly as feasible.
 - iii. Harvesting of compost generated and its use for the proposed Eco-park
 - iv. Landscaping of Eco-park and developing its layout and features
 - v. Establishment of the following pilot sub eco-projects in the Eco-park
 - a) Organic waste disposal through city farming
 - b) Organic waste disposal by pit method
 - c) Bio-deodorization of public toilets
 - d) Slow sand filtration system for purification of drinking water
 - e) Development of *Sharir Park* depicting the importance of medicinal plants in curing various diseases
- 4.3. The CEO informed the Board that a budget of INR 10 crores is required for the Project. He also gave a background of the Project as to how initial work of making that heap odour free and fly free was already done through facilitation by Knowledge Links and technical support by MGM.
- 4.4. The Chairman and the Board appreciated the project and desired for it to be implemented soon as a pilot project. The project being an innovative initiative was agreed to be implemented in partnership with MGM Clean India Centre, Knowledge Links and other stakeholders. The Chairman desired that community may also be engaged in the project for sustainability.
- 4.5. Further, the Chairman advised that a pilot project of rooftop gardening with 100 households may also be taken up. This was agreed.

RESOLUTIONS PASSED IN 7th MEETING OF BOD DATED 28th Feb '19

“RESOLVED THAT that the Board approved the implementation of the Eco-Mission Central Naka Project as a pilot project through MGM Clean India Initiative and Knowledge Links with an initial budget of INR 10 crores and authorized the CEO to carry out further steps for implementation.”

5. Smart Education: The CEO informed the Board that as part of Smart Education, it is proposed to take up projects that can contribute to quality of education for children. As a first initiative under this component, it was proposed to the Board to carry out summer camps for municipal school children. The Summer Camp is scheduled from 15th April to

Approved

30th April 2019. The summer camp will be designed to provide structured opportunities for children to grow, socialize and increase their confidence in the process of learning new skills. It would be conducted in 30 centres for all 72 corporation schools. The Summer Camp will be an opportunity for meaningful education and to analyse the learning needs of the students. This will enable a better and relevant academic session beginning from June 2019. The Summer Camp will have following activities:

- i. Art and Craft
- ii. Sports
- iii. Theatre and Movies
- iv. Parent Interaction
- v. Exposure Visits
- vi. Joyful Teaching

The estimated overall budget for the Summer Camp will be INR 15 lakhs which will cover costs towards art and craft resources for children, resource persons' honorarium, logistics and other requirements.

RESOLUTIONS PASSED IN 7th MEETING OF BOD DATED 28th Feb '19

“RESOLVED THAT the Board approved the implementation of Summer Camp for Municipal School Children Project and authorized the CEO to take further steps for its implementation.

6. ASCDCL Travel Policy: The Board was informed that the officials appointed by ASCDCL are required to travel often for official purposes such as meetings, study tours, conferences, etc., which makes it necessary for ASCDCL to have a Travel Policy. Drawing from provisions of Government of India and Government of Maharashtra, a policy was proposed to the Board for the reimbursement of various travel related expenditure. The same is enclosed at Annexure 9.

RESOLUTIONS PASSED IN 7th MEETING OF BOD DATED 28th Feb '19

“RESOLVED THAT the proposed Travel Policy for the ASCDCL officials is noted and approved by the Board and further that the CEO is empowered to review and approve the policy as required in the future.

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