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Republic of the Philippines
National Academy of Science and Technology
3rd Level Science Heritage Building, DOST Compound
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Minutes of NAST Bids and Awards Committee Pre Bid Conference
December 4, 2014; 08:30 am; NAST Conference Room A

PRESENT

NAST Bids and Awards Committee (NAST BAC)

- | | | | |
|----|-------------------------|---|----------|
| 1. | Ms. Rosemarie S. Espino | - | Co-Chair |
| 2. | Ms. Reihvelle A. Perez | - | Member |
| 3. | Ms. Rowena V. Briones | - | Member |
| 4. | Ms. Charyl C. Apuyan | - | Member |

OTHERS PRESENT:

1. Mr. Antonio B. Carandang, Technical Consultant- Salinlahi Project
2. Ms. Chona S. Santos, BAC Secretariat
3. Mr. Dustin o. Ibañez, Science Research Specialist II- Salinlahi Project
4. Ms. Liezl R. Petalio, Clerk II- Salinlahi Project

1. Call to Order

Ms. Rosemarie S. Espino, Chief Administrative Officer and Co-Chair, called to order the pre-bid conference for the project "Development and Fabrication of Interactive Exhibits at the PSHC (Phase 2) at 9:15 am.

2. Ms. Espino introduced the members of the BAC, Mr. Antonio B. Carandang, Technical Consultant for the project, and acknowledged the presence of the following prospective bidders:

- a. Mr. Bryan Chavez, Creative Artist- Prime Recall
- b. Ms. Jane Laranjo, President and CEO- Prime Recall
- c. Ms. Evelyn Gepte, Sales- Ideamax Designs
- d. Mr. Paul Vincent Bolay, Sales- Ideamax Designs
- e. Mr. Ralph Intal, Designer- Ideamax Designs
- f. Ms. Eva Peñamora, General Manager- Sound Images
- g. Mr. Ruperto Peñamora, Proprietor- Sound Images

- 47 3. The following were emphasized for the bidding of the above project:
48
49 a. The source of funding is the FY 2013 Continuing Appropriations- DOST
50 Grants-in-Aid funds;
51
52 b. The Approved Budget for the Contract (ABC) is ₱3,959,513.60;
53
54 c. The completion period is one hundred eighty (180) days from the
55 effectivity of the contract;
56
57 d. The deadline for the submission of bids is on December 17, 2014 at 2:00
58 P.M. (originally 9:00 A.M.). The reference for time is the biometrics time
59 recorder at the NAST lobby. Late bids will not be accepted;
60
61 e. The opening of bids will be on December 17, 2014 at 2:30 P.M.
62 (originally 9:30 A.M.) at the NAST Conference Room. Representatives of
63 the bidders are encouraged to attend;
64
65 f. All bids should be valid for 120 calendar days;
66
67 g. In the submission of bids, the two-envelop system will be followed. The
68 bidders are reminded to strictly follow the sealing and marking of bids.
69 The list of documents to be submitted is on pages 95 and 96 of the Bid
70 Documents.
71
72 h. For those submitting a Surety Bond, it should be valid for 120 calendar
73 days, callable on demand and the official receipt must be attached;
74
75 i. The bidders have until December 9, 2014 to submit written queries;
76
77 j. The bidders were reminded to familiarize themselves with the provisions
78 of R.A. 9184 (the Government Procurement Reform Act) and its
79 Implementing Rules and Regulations (IRR).
80
81 4. Ms. Reibvelle Perez, Planning Officer III, presented to the prospective bidders the
82 requirements of the project. Bidders had the chance to clarify details of the
83 interactive exhibits to be produced.

84
85 **I. Science from A to Z**
86

87 The first exhibit discussed was Science from A to Z. It is a circular kiosk
88 inspired by a videoke machine and the Google search engine, this exhibit is a
89 TV with keyboard. It gives a brief discussion about the different fields of
90 science. Visitors would select a letter from A to Z. Fields of science starting
91 with the chosen letter will be displayed. Notable Filipino scientists in the
92 chosen field will also be presented.

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Below are the questions of the bidders with regard to this exhibit:

1. Can visitors sit inside the circular kiosk?

Yes, visitors can sit in the kiosk.

2. Is the program to be made by the winning bidder/

The program should be made by the bidder.

3. Who will provide the content?

Content will be coming from NAST but the bidders will do the graphics needed and create the program for the Science from A to Z exhibit.

4. What will be the size of the monitor?

The monitor should be 14 inches wide.

5. Is the monitor touch screen?

Yes, it is touch screen.

6. Does it have a keyboard?

Yes, this should have a keyboard for trouble shooting purposes. It should be hidden like those in ATM machines.

7. How many units of this exhibit will be made?

A total of five units of this exhibit will be needed for the project.

8. How many programs for this certain exhibit will be made?

This exhibit will only run one program.

Mr. Tony Carandang also added that the exhibit should be duco-finish.

II. Science Today

The Science Today exhibit was then discussed. It is a giant LED screen (9x6 ft), composed of 9 individual screens, to be placed at the entrance of the Philippine Science Heritage Center. It displays a short clip about PSHC and a slideshow of its exhibits. Each screen can also display different videos or present pictures and relevant facts that are related to a select theme for the month. It will feature the different activities of DOST agencies for the quarter. Also, the plan is to incorporate project NOAH in this board.

Below are the questions of the bidders with regard to this exhibit:

1. Is it like a video wall?

Yes, it is a stand-alone video wall.

2. Since it is composed of individual screens, can each screen display different videos or announcement?

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132 Yes, the video wall should be able to display different videos in the smaller
133 screens.

134 *3. Who will provide the content?*

135 Again, NAST will be providing the content for the exhibit and the winning
136 bidder will be doing the graphics and other necessary effects to make the
137 video appealing and engaging to the visitors.

138 *4. What would be the length of the video projected in this exhibit?*

139 It will depend on the materials given to you by NAST. But it is preferred to
140 have the clip short because we do not want visitors to crowd the entrance of
141 the center.

142

143 Bidders suggested making an MTV-type video for this. They also said that a
144 one-minute video loop would be good for this.

145

146 **III. Milestones Wall**

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148 Ms. Reihvelle discussed the Milestones Wall. It is a wall showing
149 breakthroughs of science and technology in the Philippines. Each milestone is
150 in a square type tile. Each tile lights up randomly or sequentially. It will be
151 accompanied by a wide touch screen TV/tablet near the wall. This is where
152 visitors can read detailed information about science and technology
153 milestones in the country.

154

155 Below are the questions of the bidders with regard to this exhibit:

156

157 *1. How many tiles will be made for this exhibit?*

158 It was decided to have 15 sections for the Milestones wall.

159 *2. Are the tiles in various depths?*

160 Yes, tiles will be in various depths to add texture to the exhibit.

161 *3. Will there be sound for this?*

162 No, there will not be a sound.

163 *4. Where will the monitor be placed?*

164 It will be placed in the center. The monitor will supplement what can be seen
165 in the wall. It will display more detailed information of the breakthroughs.

166 *5. What materials will be used for the touch screen monitor?*

167 It will be steel-framing with wood laminated sheet.

168 **IV. Sea Discovery**

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170 Next exhibit that was discussed is the Sea Discovery. It is an exhibit
171 displaying replicas of different species found in the Philippine Sea. These

172 replicas will be hanged from the ceiling. Through a simple light and sound
173 show these sea creatures will be introduced one at a time.

174

175 Below are the questions of the bidders with regard to this exhibit:

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177 *1. Is this contained in a room?*

178 No, this will be hanged from the ceiling of the center. The replicas will be on
179 top of the Biodiversity gallery and will be seen as visitors go to the center's
180 second floor.

181 *2. How many replicas will be made?*

182 NAST will identify seven creatures to be featured in this gallery. These are the
183 following: pawikan, butanding, giant clam, and dugong, among others.

184 *3. What would be the material for the replicas?*

185 It is preferred to have the replicas made out of fiber-glass or any light
186 materials but not styrofoam.

187

V. Wall of Fame

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189 The concept of the exhibit is similar to the walk of fame of Hollywood stars.
190 The difference is that portraits of National Scientists will be hanged on the
191 wall. Portrait will include the year they were conferred as National Scientist
192 and also the field of science they were known for.

193

194 Below are the questions of the bidders with regard to this exhibit:

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196 *1. Will the pictures and information be provided by NAST?*

197 Yes, NAST will be providing the pictures and information of the national
198 scientists.

199 *2. What material will be used for build-up letters?*

200 The build-letters should be metal sheet and must be back-lighted.

201 *3. Are the portraits fixed to their positions?*

202 No, portraits should not be fixed. The exhibit should allow portraits to be
203 changed or moved.

204

205 Ms. Reihvelle also added to put a silhouette of a person to those tiles without
206 photos of National Scientist since there are only 41 NS today.

207

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VI. Science Wiz

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210 The last exhibit that was presented is the Science Wiz. It is an interactive quiz
211 game which can be played by 3 players. A hologram or robot will be the quiz

212 master. It is a 10-question game. These are multiple choice-type of questions.
213 After each question, the hologram/ robot will give a short trivia related to the
214 question. Players will be given 3 seconds to answer. At the end of 10
215 questions, the player who got the highest number of correct answers will be
216 declared as the science wiz. The winner will be allowed to take have a picture
217 in the photo booth intended for science wiz champions. Here, they can
218 experience wearing National Scientist gown.

219

Below are the questions of the bidders with regard to this exhibit:

221

1. *What will be used hologram or robot?*

222

It was decided to have a hologram as a quiz master rather than a robot.

223

2. *Are we going to use LED touch screen when answering the questions?*

224

It was decided to have buttons instead of touch screen monitor.

225

3. *Will the hologram give feedback to the player who got the correct answer after every question?*

226

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No, the hologram will just give trivia about the question. The hologram will be announcing the winner after all questions have been answered.

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4. *Will the players answer simultaneously?*

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Yes, all players will have to answer all ten questions. The player who got the highest point will be declared the Science Wiz.

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233 5. Ms. Espino announced that the NAST will issue a Bid Bulletin on all the changes
234 in the specifications based on the queries including a revised drawing if necessary.

235

236 6. The meeting was adjourned at around 11:15 am.

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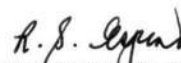
239 Prepared by:

Approved:

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243 **DUSTINO O. IBAÑEZ**
244 Science Research Specialist II

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243 **ROSEMARIE S. ESPINO**
244 Co-Chair, NAST BAC

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