

1 Republic of the Philippines
2 **METROPOLITAN NAGA WATER DISTRICT**
3 40 J. Miranda Avenue, Naga City
4 Tel. No.: (054)472-1685/473-7813
5 Fax No.: (054) 473-9288
6 E-Mail Add.: mnwdbac@yahoo.com
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9 **MINUTES OF MEETING OF THE PRE-BID CONFERENCE FOR THE PROJECT**
10 **SUPPLY AND DELIVERY OF BRAND NEW SUBMERSIBLE PUMPS AND MOTORS FOR PUMPING**
11 **STATIONS USE (GOODS 2021-003)**

12 HELD AT THE MNWD MULTI-PURPOSE HALL ON MAY 3, 2021
13

14 Attendance:

15
16 **BIDS AND AWARDS COMMITTEE:**

17
18 Mr. Jon Louie A. Sanchez  - Chairperson
19 Engr. Noel A. Martinez, Jr. - Vice-Chairperson
20 Engr. Sonjun O. Millares  - Regular Member
21 Mr. Arturo M. Marco - Regular Member
22 Mr. Edgardo A. Ayao  - Regular Member
23 Engr. Ronald G. Rada  - Provisional Member
24

25 **BAC SECRETARIAT / TECHNICAL WORKING GROUP (TWG):**

26
27 Ms. Venus C. Solano  - TWG Head
28 Mr. Teejay Altair A. Tormes  - TWG Vice-Head
29 Engr. Sharmaine E. Bracia  - TWG Member
30 Ms. Sheila C. Esquejo  - TWG Member
31 Mr. Mark Anthony B. Oliva  - BAC Secretariat
32

33 **BIDDERS' AUTHORIZED REPRESENTATIVE (VIA ZOOM):**

34
35 Mr. Kimberlee V. Molon - Aqua Haus, Incorporated (Via Zoom)
36 Mr. Daichi Z. Matsuzawa - Technozone Corporation (Via Zoom)
37 Ms. Catherine Gumiran - Spandex Marketing Corporation (Via Zoom)
38 Ms. Anamarie S. Cagayan - Electro-Mech Sales (Via Zoom)
39 Engr. Richard G. Zamora - Electro-Mech Sales (Via Zoom)
40

41 **OBSERVERS' AUTHORIZED REPRESENTATIVE:**

42
43 None
44

45
46 There being a quorum, the meeting was called to order at exactly 1:48 PM by the BAC Chairperson,
47 Mr. Jon Louie A. Sanchez.
48

49
50 **BUSINESS OF THE MEETING:**

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52 The BAC Chairperson requested the BAC Secretariat to read the attendance and welcome the
53 Committee Members in the Pre-Bid Conference for the project Supply and Delivery of Brand New
54 Submersible Pumps and Motors for Pumping Stations Use (GOODS 2021-003) with an Approved Budget
55 for the Contract (ABC) of **FIVE MILLION EIGHT HUNDRED FIFTY-ONE THOUSAND PESOS (Php**
56 **5,851,000.00)** Only. Delivery of goods is required within **SIXTY (60) CALENDAR DAYS**. For the information
57 of the body, the scheduled Pre-Bid Conference for the said project last April 23, 2021 was declared no
58 quorum due to the absence of all BAC Regular Members. On April 27, 2021, a Special Meeting was
59 conducted and issued a Supplemental/Bid Bulletin No. 03 for the rescheduling of bidding activities. The
60 same was duly posted at PhilGEPS, MNWD Website and conspicuous place within the MNWD premises.

61 Furthermore, all prospective bidders who attended the scheduled Pre-Bid Conference was informed thru e-
62 mail. The new schedule for its Bid Opening is on May 17, 2021 at 1:30 PM.

63
64 The BAC Chairperson informed the bidders' authorized representatives that the MNWD BAC is
65 following a Two-Envelope System, one contains the Technical Components in four (4) copies – one original
66 and three extra copies, this consists of Eligibility and Technical Requirements; and the second envelope
67 contains the Financial Components – also in one original and three extra copies. These required documents
68 are already stated in the bidding documents. He then asked them whether there are any questions and/or
69 clarifications they would like to ask regarding the Two-Envelope System, and the bidders' authorized
70 representatives answered in the negative.

71
72 After a brief introduction, the BAC Chairperson gave the table to Engr. Ronald G. Rada, BAC
73 Provisional Member, to discuss in detail the requirements and specifications of the project. Engr. Rada then
74 discussed all aspects of the project Supply and Delivery of Brand New Submersible Pumps and Motors for
75 Pumping Stations Use (GOODS 2021-003). He gave emphasis on the following requirements, to wit:

76
77 **Technical Requirements:**

- 78
- | | |
|---|--|
| <ul style="list-style-type: none"> 1. VAT Inclusive. 2. FOB MNWD, Naga City. 3. Partial delivery shall not be accepted. 4. Delivery Period: Sixty (60) Days. 5. Warranty: One (1) Year against factory defect 6. Certification of Product Standard from country of origin where product was manufactured. | <ul style="list-style-type: none"> 7. Winning Supplier should submit laboratory pump testing result subject for evaluation and verification by end-user prior to delivery. 8. Provide ISO product certification or equivalent. |
|---|--|

79
80 **Technical Specifications:**

Technical Specifications	Pacol 3 and San Isidro 1 PS	Carolina 1 and Monte Cielo PS
A. Operating Requirements:		
1. Minimum capacity at design head, lps.	198 m ³ /hr.	148 m ³ /hr.
2. Design head, TDH m.	85	91
3. Minimum pump laboratory efficiency at design head (exclusive of pump column friction), %:	80	80
4. Maximum diameter of pump bowl, mm:	200	200
5. Motor Rating:	100HP, 460V, 60Hz, 3-phase SF: 1.15, 3450 rpm	60HP, 460V, 60Hz, 3-phase SF: 1.15, 3450 rpm
B. Specifications:		
1. Submersible Pump		
- Constructed of stainless steel shaft	ss 431	ss 431
- Stainless steel inlet strainer prevents the entry of sand and other extraneous material	√	√
- Built-in with stainless steel jam free check valve	√	√
- High wear resistance stainless steel impeller and diffuser ensuring optimal performance	√	√
- With stainless steel cable guard	√	√
- Original copy of brochure and Pump curve	√	√
2. Submersible Motor		
- Motor Rating:	100HP, 460V, 60 Hz, 3-phase, SF: 1.15	60HP, 460V, 60 Hz, 3-phase, SF: 1.15
- rpm, design point	Full 3450, 60 Hz	Full 3450, 60 Hz
- Double flanged NEMA mounting design	√	√
- Stainless steel splined shaft	ss 304	ss 304
- Stator shield six feature encapsulation system	√	√
- High capacity Kingsbury-type water lubricated thrust bearing	√	√
- Factory filled non-toxic water soluble fill solution	√	√
- Filled replaceable lead using exclusive water bloc technology	√	√
- External sand slinger on shaft	√	√
- Mechanical face seal at shaft exit	√	√
- Copper Bar Rotor	√	√
- 3-lead (Wye-Delta) configuration	√	√
- Sand fighter sealing system	√	√
- Winding subtrol heat sensor	√	√
- Suitable for use with variable frequency drives (VFD Soft Starter/RVAT)	√	√

Technical Specifications	San Isidro 2 PS	Cararayan 1 and Del Rosario PS	Cararayan 3 PS	Pacol 1 PS	Villa Sorabella PS	San Agustin PS	Carangcang PS
A. Operating Requirements:							
1. Minimum capacity at design head, lps:	180 m ³ /hr.	149 m ³ /hr.	126 m ³ /hr.	-	36 m ³ /hr.	54 m ³ /hr.	36 m ³ /hr.
2. Design head, TDH m:	70	81	68	-	65	76	53
3. Minimum pump laboratory efficiency at design head (exclusive of pump column friction), %:	80	79	79	79	78	78	78
4. Maximum diameter of pump bowl, mm:	200	150	150	150	150	150	150
5. Motor Rating:	75HP, 460V, 60Hz, 3-phase SF: 1.15, 3450 rpm	50HP, 460V, 60Hz, 3-phase SF: 1.15, 3450 rpm	40HP, 460V, 60Hz, 3-phase SF: 1.15, 3450 rpm	40HP, 460V, 60Hz, 3-phase SF: 1.15, 3450 rpm	15HP, 460V, 60Hz, 3-phase SF: 1.15, 3450 rpm	20HP, 230V, 60Hz, 3-phase SF: 1.15, 3450 rpm	15HP, 460V, 60Hz, 3-phase SF: 1.15, 3450 rpm
B. Specifications:							
1. Submersible Pump							
- Constructed of stainless steel shaft	ss 431	ss 431	ss 431	-	ss 431	ss 431	ss 431
- Stainless steel inlet strainer prevents the entry of sand and other extraneous material	✓	✓	✓	-	✓	✓	✓
- Built-in with stainless steel jam free check valve	✓	✓	✓	-	✓	✓	✓
- High wear resistance stainless steel impeller and diffuser ensuring optimal performance	✓	✓	✓	-	✓	✓	✓
- With stainless steel cable guard	✓	✓	✓	-	✓	✓	✓
- Original copy of brochure and Pump curve	✓	✓	✓	-	✓	✓	✓
2. Submersible Motor							
- Motor Rating:	75HP, 460V, 60 Hz, 3-phase, SF: 1.15 Full 3450; 60 Hz	50HP, 460V, 60 Hz, 3-phase, SF: 1.15 Full 3450; 60 Hz	40HP, 460V, 60 Hz, 3-phase, SF: 1.15 Full 3450; 60 Hz	40HP, 460V, 60 Hz, 3-phase, SF: 1.15 Full 3450; 60 Hz	15HP, 460V, 60 Hz, 3-phase, SF: 1.15 Full 3450; 60 Hz	20HP, 230V, 60 Hz, 3-phase, SF: 1.15 Full 3450; 60 Hz	15HP, 460V, 60 Hz, 3-phase, SF: 1.15 Full 3450; 60 Hz
- rpm; design point	✓	✓	✓	✓	✓	✓	✓
- Double flanged NEMA mounting design	ss 304	ss 304	ss 304	ss 304	ss 304	ss 304	ss 304
- Stainless steel splined shaft	✓	✓	✓	✓	✓	✓	✓
- Stator shield six feature encapsulation system	✓	✓	✓	✓	✓	✓	✓
- High capacity Kingsbury-type water lubricated thrust bearing	✓	✓	✓	✓	✓	✓	✓
- Factory filled non-toxic water soluble fill solution	✓	✓	✓	✓	✓	✓	✓
- Filled replaceable lead using exclusive water bloc technology	✓	✓	✓	✓	✓	✓	✓
- External sand slinger on shaft	✓	✓	✓	✓	✓	✓	✓
- Mechanical face seal at shaft exit	✓	✓	✓	✓	✓	✓	✓
- Copper Bar Rotor	✓	✓	✓	✓	✓	✓	✓
- 3-lead (Wye-Delta) configuration	✓	✓	✓	✓	✓	✓	✓
- Sand fighter sealing system	✓	✓	✓	✓	✓	✓	✓
- Winding subrotol heat sensor	✓	✓	✓	✓	✓	✓	✓
- Suitable for use with variable frequency drives (VFD Soft Starter/RVAT)	✓	✓	✓	✓	✓	✓	✓

83 After the presentation, the BAC Chairperson asked the bidders' authorized representatives if there
84 are any questions and/or clarifications they would like to ask. The following questions/clarifications were
85 raised, to wit:

- 86
- 87 1. Mr. Kimberlee V. Molon from AQUA HAUS, Incorporated asked if there are any specific country
88 of origin preferred or allowed, for the certification of product standard. He also asked whether
89 item no. 6, Submersible Motor (Brand New) for Pacol I PS, requires Submersible Motor only;
 - 90 2. Engr. Richard G. Zamora from Electro-Mech Sales & General Merchandise asked about item no.
91 2, Submersible Pump & Motor (Brand New) for Carolina 1 and Monte Cielo PS, 2 Sets under
92 Operating Requirements - Minimum capacity at design head, lps: 148 m³/hr. He said that it
93 might be not suited for 60HP. He requested if it could be amended to 75HP, or 90 meters or
94 146 m³/hr. vs. 91 meters;
- 95

96 For the first question from AQUA HAUS, Incorporated, Engr. Rada responded that there was no
97 country of origin preferred as requirement for the project, as long as the bidders can provide certification
98 for the same. He also said that item no. 6, only requires submersible motor. While the query from Electro-
99 Mech Sales & General Merchandise, Mr. Arturo M. Marco, BAC Regular Member responded that the
100 requirement for item no. 2 is the standard operating requirement for the Submersible Pumps and Motors.
101 A typographical error on "Minimum capacity at design head, lps" under operating requirement was noted.
102 Mr. Marco requested that a Supplemental/Bid Bulletin shall be issued to resolve confusion on the technical
103 requirement.

104

105 The BAC Chairperson noted the request of Mr. Marco. He then again asked the bidders' authorized
106 representatives if there are any questions and/or clarifications they would like ask. He informed them that
107 they may submit thru e-mail a letter of query/clarifications until May 6, 2021 for the BAC to deliberate, and
108 consequently issue a Supplemental/Bid Bulletin, if needed, and the bidders' authorized representatives
109 concurred. He then thanked the prospective bidder's authorized representatives for their participation and
110 afterward excused them from the meeting.

111

112 For the issuance of Supplemental/Bid Bulletin, the BAC Chairperson asked the TWG/Secretariat to
113 prepare said addendum due to typographical error, post at PhilGEPS Website, MNWD Website, and in the
114 conspicuous place within the MNWD premises, and e-mail the same to the attendees of the meeting upon
115 approval, and the TWG/Secretariat affirmed. On motion made by Engr. Rada, which was duly seconded by
116 Mr. Marco, the BAC passed the following Supplemental/Bid Bulletin, to wit:

ADDENDUM NO. 04

PER PHILGEPS POSTING	PER ADDENDUM
Item No. 1 Submersible Pump & Motor (Brand New) for Pacol 3 and San Isidro I PS, 2 Sets A. Operating Requirements: 1. Minimum capacity at design head, lps: 198 m ³ /hr. xxx	Item No. 1 Submersible Pump & Motor (Brand New) for Pacol 3 and San Isidro I PS, 2 Sets A. Operating Requirements: 1. Minimum capacity at design head, lps : 198 m ³ /hr. xxx
Item No. 2 Submersible Pump & Motor (Brand New) for Carolina 1 and Monte Cielo PS, 2 Sets A. Operating Requirements: 1. Minimum capacity at design head, lps: 148 m ³ /hr. xxx	Item No. 2 Submersible Pump & Motor (Brand New) for Carolina 1 and Monte Cielo PS, 2 Sets A. Operating Requirements: 1. Minimum capacity at design head, lps : 148 m ³ /hr. xxx

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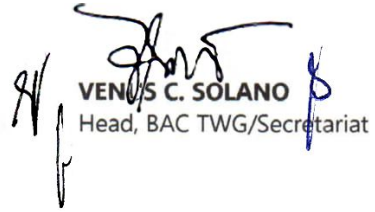
PER PHILGEPS POSTING	PER ADDENDUM
<p>Item No. 3</p> <p>Submersible Pump & Motor (Brand New) for San Isidro II PS, 1 Set</p> <p>A. Operating Requirements:</p> <p>1. Minimum capacity at design head, lps: 180 m³/hr.</p> <p>xxx</p>	<p>Item No. 3</p> <p>Submersible Pump & Motor (Brand New) for San Isidro II PS, 1 Set</p> <p>A. Operating Requirements:</p> <p>1. Minimum capacity at design head, lps: 180 m³/hr.</p> <p>xxx</p>
<p>Item No. 4</p> <p>Submersible Pump & Motor (Brand New) for Cararayan I and Del Rosario PS, 2 Sets</p> <p>A. Operating Requirements:</p> <p>1. Minimum capacity at design head, lps: 149 m³/hr.</p> <p>xxx</p>	<p>Item No. 4</p> <p>Submersible Pump & Motor (Brand New) for Cararayan I and Del Rosario PS, 2 Sets</p> <p>A. Operating Requirements:</p> <p>1. Minimum capacity at design head, lps: 149 m³/hr.</p> <p>xxx</p>
<p>Item No. 5</p> <p>Submersible Pump & Motor (Brand New) for Cararayan III PS, 1 Set</p> <p>A. Operating Requirements:</p> <p>1. Minimum capacity at design head, lps: 126 m³/hr.</p> <p>xxx</p>	<p>Item No. 5</p> <p>Submersible Pump & Motor (Brand New) for Cararayan III PS, 1 Set</p> <p>A. Operating Requirements:</p> <p>1. Minimum capacity at design head, lps: 126 m³/hr.</p> <p>xxx</p>
<p>Item No. 7</p> <p>Submersible Pump & Motor (Brand New) for Villa Sorabella PS, 1 Set</p> <p>A. Operating Requirements:</p> <p>1. Minimum capacity at design head, lps: 36 m³/hr.</p> <p>xxx</p>	<p>Item No. 7</p> <p>Submersible Pump & Motor (Brand New) for Villa Sorabella PS, 1 Set</p> <p>A. Operating Requirements:</p> <p>1. Minimum capacity at design head, lps: 36 m³/hr.</p> <p>xxx</p>
<p>Item No. 8</p> <p>Submersible Pump & Motor (Brand New) for San Agustin PS, 1 Set</p> <p>A. Operating Requirements:</p> <p>1. Minimum capacity at design head, lps: 54 m³/hr.</p> <p>xxx</p>	<p>Item No. 8</p> <p>Submersible Pump & Motor (Brand New) for San Agustin PS, 1 Set</p> <p>A. Operating Requirements:</p> <p>1. Minimum capacity at design head, lps: 54 m³/hr.</p> <p>xxx</p>
<p>Item No. 9</p> <p>Submersible Pump & Motor (Brand New) for Carangcang PS, 1 Set</p> <p>A. Operating Requirements:</p> <p>1. Minimum capacity at design head, lps: 36 m³/hr.</p> <p>xxx</p>	<p>Item No. 8</p> <p>Submersible Pump & Motor (Brand New) for Carangcang PS, 1 Set</p> <p>A. Operating Requirements:</p> <p>1. Minimum capacity at design head, lps: 36 m³/hr.</p> <p>xxx</p>

121 The BAC Chairperson then asked the body if there are any comments they would like to express,
122 and the BAC answered in the negative. With no other matters to be discussed, the BAC Chairperson finally
123 adjourned the meeting at exactly 2:28 PM.
124

125 Prepared by:

126
127 
128 **MARK ANTHONY B. OLIVA**
129 BAC Secretariat
130

Certified correct:

131
132 
133 **VENUS C. SOLANO**
134 Head, BAC TWG/Secretariat
135


136 Minutes approved by:

137 
138 **JON LOUIE A. SANCHEZ**
139 BAC Chairperson

140 
141 **NOEL A. MARTINEZ, JR.**
142 Vice-Chairperson
143

144 
145 **SONUN O. MILLARES**
146 Regular Member
147

148 
149 **ARTURO M. MARCO**
150 Regular Member

151 
152 **EDGARDO A. AYAO**
153 Regular Member
154

155 
RONALD C. RADA
Provisional Member