



Republic of the Philippines

DEPARTMENT OF SCIENCE AND TECHNOLOGY
Philippine Atmospheric, Geophysical and Astronomical Services
Administration (PAGASA)

30 MAY 2022

SUPPLEMENTAL / BID BULLETIN

Subject: ADDENDUM NO. 2022-017-01
Comprehensive Semi-Annual Maintenance of Ninety-Five (95) Automatic Weather Stations”
ABCPhp13,229,888.00 / PR No. 2022-02-0133

This Bid Bulletin is being issued to all prospective bidders to clarify, amend and/or modify certain provisions in the Bidding Documents and to answer the written clarificatory questions submitted by prospective bidders, to wit:

Query from **P.T. CERNA CORPORATION**

Question(s)	PAGASA BAC Answer(s)
<p>1. TOR Page 8, inclusion a & b</p> <p>May we suggest in support of TOR Page 8, under inclusion a & b, additional bidder submission of “Letter of Support from the existing Datalogger Manufacturer”. Since winning contractor needed to update firmware of all dataloggers, PAGASA must have assurance that the manufacturer supports the local contractor esp on all firmware and hardware updates.</p>	<p>Yes, we agree on this suggestion since the firmware updates involves all 95 AWS, PAGASA must be assured that the datalogger manufacturer will support the winning contractor. The statement of support should be categorically stated at the Manufacturer’s authorization Furthermore, the letter of support will enable PAGASA to demand the datalogger manufacturer in case the winning contractor fails to deliver the said firmware support,</p>
<p>2. Payment Terms</p> <p>May we suggest for payment terms will be progress billing scheme for the winning contractor.</p> <p>15% down payment billing – upon signing of contract</p> <p>50% billing – for first 6 months completion and submission of reports</p> <p>75% billing – for the completion of PMS for 43 stations and reports</p> <p>100% billing – completion of PMS and submission of completion documents.</p>	<p>Pursuant to Clause 11.2 of the General Conditions of the Contract (GCC) of the Standard Philippine Bidding Documents (PBDs) progress payment may be allowed and purposes of this contract to be bid, the following payment terms shall be observed: progress payment may be allowed as follows: "</p> <ul style="list-style-type: none">• 15 % - advance payment• 35% - On completion of 1st preventive Maintenance (50% project completion)• 50% - On Completion of 2nd Preventive Maintenance <p>Note: One percent (1%) of the amount of each payment shall be retained by the Procuring Entity to cover the Supplier’s warranty obligations under this Contract. Each payment shall likewise be covered by Bank Guarantee or Letter of Credit of equivalent amount.</p>
<p>3. May we request the list of 95 Automated AWS station and location include for this project</p>	<p>Please See attached List of Automatic Weather Stations:</p>

This shall form an integral part of the Bid Documents.

For guidance and information of all participating bidders.

(Sgd.)BONIFACIO G. PAJUELAS, Ph.D.
Chairperson, PAGASA-BAC

“tracking the sky...helping the country”

Science Garden Compound, BIR Road, Brgy. Central, Quezon City,
Metro Manila, Philippines 1100
Postal Address: P.O. Box 3278 Manila

Tel. Nos. (632) 929 48 65; (632) 434 90 40
Fax: (632) 929 48 65
Website: <http://bagong.pagasa.dost.gov.ph>

NORTHERN LUZON PRSD

AWS STATION	ADDRESS	LATITUDE	LONGITUDE	POLE		DATALOGGER	
				Guyed	Monopole	CR1000	CR310
Batac Ilocos Norte AWS	MMSU Campus, Batac, Ilocos Norte	18° 03' 14.0"	120° 32' 44.53"	√		√	
Echague, Isabela AWS	Isabela State University Campus Echague, Isabela	16° 43' 32.61"	121° 41' 54.72"	√		√	
Bayombong, Nueva Vizcaya AWS	NVSU Campus, Bayombong, Nueva Vizcaya	16° 28' 53.78"	121° 08' 35.17"	√		√	
Lal-Lo, Cagayan AWS	Cagayan State University Campus, Lal-lo Cagayan	18° 8' 3.11"	121° 41' 42.89"	√		√	
Tuguegarao, Cagayan	Capitol Hills, Tuguegarao, Cagayan	17° 38' 52.10"	121° 45' 30.46"	√		√	
Sinait Ilocos Sur AWS	Bgy. Tapao, Sinait, Ilocos Sur	17° 53' 25.11"	120° 27' 35.4"	√		√	
Bacnotan La Union AWS	DMMSU Sapilang, Bacnotan, La Union	16° 43' 31.9"	120° 23' 15.3"	√		√	
Agno, Pangasinan	Bgy. Sabang, Agno, Pangasinan	16° 09' 23.16"	119° 46' 21.60"	√		√	
Atok, Benguet AWS	Municipal Nursery Atok, Benguet	16° 37' 38.0"	120° 45' 18.1"	√		√	
La Trinidad, Benguet AWS	Benguet State University Campus, La Trinidad, Benguet	16° 27' 01.81"	120° 35' 36.51"	√		√	
Baler, Aurora AWS	Rice Processing Complex, Bgy Reserva, Baler Aurora	15° 48' 22.22"	121° 32' 33.52"	√		√	
Maddela, Quirino AWS	Quirino State University Campus, Bgy Dipintin, Madella, Quirino	16° 16' 34.21"	121° 39' 34.92"	√			√
Luna Apayao AWS	Sitio Payanan Gen Luna Apayao	18° 18' 26.8"	121° 21' 31.4"	√			√
Dagupan, Pangasinan AWS	PAGASA Synoptic Station Bgy Tondaligan Dagupan, Pangasinan	16° 5' 12.2"	120° 21' 7.4"		√		√
Banaue, Ifugao AWS	Tabugon, San Fernando Banaue Ifugao	16° 55' 4.50"	121° 3' 32.01"		√		√
Aparri, Cagayan AWS	PAGASA Radar Station, Punta Aparri Cagayan	18° 21' 37.2"	121° 37' 49.4"		√		√
Baler Radar AWS	PAGASA Radar station, Sitio Dikisit Bgy. Zabali Baler Aurora	15° 44' 55.9"	121° 37' 54.9"		√		√
Sta Ana , Cagayan	Poblacion, Sta Ana Cagayan	18° 26' 58.6"	122° 8' 26.0"		√		√
Palanan, Isabela	Isabela State University Campus Palanan, Isabela	17° 4' 5.9"	122° 26' 3.2"		√		√

NLPRSD TOTAL AWS FOR MAINTENANCE OUTSOURCING : 19 STATIONS
 AWS WITH GUYED TYPE POLE : 13 STATIONS
 AWS WITH MONOPOLE : 6 STATIONS
 AWS WITH CAMPBELL CR1000 DATALOGGER : 11 STATIONS
 AWS WITH CAMPBELL CR310 DATALOGGER : 8 STATIONS

NATIONAL CAPITAL REGION PRSD

AWS STATION	ADDRESS	LATITUDE	LONGITUDE	POLE		D
				Guyed	Monopole	
Jomalig Island, Quezon AWS	Municipal Compound Jomalig Quezon	14° 41' 45.8 "	122° 19' 49.72"		√	
Polillo, Quezon AWS	Bgy. Sibulan, Polillo Quezon	14° 43' 39.60 "	121° 56' 19.62"		√	

NCR PRSD TOTAL AWS FOR MAINTENANCE OUTSOURCING : 2 STATIONS
 AWS WITH MONOPOLE : 2 STATIONS
 AWS WITH CAMPBELL CR310 DATALOGGER : 2 STATIONS

SOUTHERN LUZON PRSD

AWS STATION	ADDRESS	LATITUDE	LONGITUDE	POLE		D
				Guyed	Monopole	
Torrijos, Marinduque AWS	Bgy. Sibuyao Torrijos, Marinduque	13° 21' 14.9"	122° 01' 34.9"	√		√
Romblon-Romblon AWS	PAGASA Synoptic Station, Mt. Romblon-Romblon	12° 34' 25.7"	122° 15' 38.8"	√		√
Pili, Camarines Sur AWS	Central Bicol State University for Agriculture Campus, Pili, Camarines Sur	13° 34' 48.40"	123° 15' 43.24"	√		√
Tabaco, Albay AWS	Bicol University Campus, Tabaco, Albay	13° 21' 49.20	123° 44' 01.10	√		√
Virac, Catanduanes AWS	PAGASA Virac Station, San Isidro Village, Virac, Catanduanes	13° 34' 35.7"	124° 12' 35.41"	√		√
Sorsogon, Sorsogon AWS	City Hall Compound, Sorsogon City	12° 58' 54.30"	124° 01' 24.75"	√		√
Guinobatan, Albay AWS	Bicol University College of Agriculture and Fisheries Campus, Guinobatan, Albay	13° 11' 34.57"	123° 35' 43.05"	√		√
Gamay, Northern Samar AWS	Gamay Elem. School, Gamay, North Samar	12° 23' 11.16"	125° 17' 59.77"	√		√
San Jacinto, Masbate AWS	San Jacinto Ticao Island, Masbate	12° 34' 6.8"	123° 43' 18.9"	√		√
Calapan Mindoro AWS	PAGASA Synoptic Station Bgy. Ilaya, Calapan Oriental Mindoro	13° 24' 52.4"	121° 11' 12.8"		√	
Puerto Galera AWS	MOB Poblacion, Puerto Galera, Oriental Mindoro	13° 30' 20.79"	120° 55' 1.47"		√	
Virac Radar AWS	Buenavista, Bato, Catanduanes	13° 37' 48.08"	124° 20' 01.75"		√	
Legaspi, Albay AWS	Airport site Legaspi City	13° 09' 02.58"	123° 43' 42.01"		√	
Juban, Sorsogon AWS	Provincial Nursery, Brgy Cogon, Juban, Sorsogon	12° 50' 22.06"	123° 59' 49.20"		√	
Milagros, Masbate AWS	Munic ipal Ground, Bgy Bantad Milagros Masbate	12° 13' 38.70"	123° 30' 50.61"		√	

SLPRSD TOTAL AWS FOR MAINTENANCE OUTSOURCING : 15 STATIONS
 AWS WITH GUYED TYPE POLE : 9 STATIONS
 AWS WITH MONOPOLE : 6 STATIONS
 AWS WITH CAMPBELL CR1000 DATALOGGER : 8 STATIONS
 AWS WITH CAMPBELL CR310 DATALOGGER : 7 STATIONS

VISAYAS PRSD

AWS STATION	ADDRESS	LATITUDE	LONGITUDE	POLE		DATALOGGER		SENSO		
				Guyed	Monopole	CR1000	CR310	TMP/HUM	PRESS	SOLA
								HMP155	PT8210	CMR
San Jose, Mindoro Occidental AWS	PAGASA San Jose Station, Airport, San Jose Mindoro Occidental	12° 21' 34.4"	121° 02' 52.2"	√		√		VANALA COMBINED TEMP AND PRESSURE SENSOR		
Daan Bantayan, Cebu AWS	Cebu Technological University Daanbantayan Campus, Daan Bantayan, Cebu	11° 16' 05.4"	124° 00' 31.4"	√		√		VANALA COMBINED TEMP AND PRESSURE SENSOR		
Bilar, Bohol AWS	Bilar State University Campus, Bilar, Bohol	09° 43' 2.90"	124° 06' 35.20"	√		√		√	√	√
Borongan Samar AWS	Eastern Samar State University Campus, Borongan Eastern Samar	11° 39' 38.1"	125° 26' 36.2"	√		√		√	√	√
Siquijor, Siquijor AWS	Bgy. Pulang Yuta, Siquijor	09° 12' 24.6	123° 30' 51.9	√		√		√	√	√
Baybay, Leyte AWS	Visayas State University Campus, Baybay, Leyte	10° 44' 43.75"	124° 47' 26.63"	√		√		√	√	√
Mambusao, Capiz AWS	Capiz State University Campus, Mambusao, Capiz	11° 26' 39.28"	122° 32' 52.81"	√		√		√	√	√
Dumangas, Iloilo AWS	Iloilo Science and Technology University, Monfort South, Dumangas, Iloilo	10° 51' 29.11"	122° 43' 8.03"	√		√		√	√	√
Sibalom, Antique AWS	Provincial Agri Nursery Sibalom, Antique	10° 48' 36.46"	121° 59' 24.97"	√		√		√	√	√
La Granja AWS	La Granja, La Carlota, Negros Occidental	10° 24' 26.9"	122° 58' 57.7"	√		√		√	√	√
Aborlan, Palawan AWS	Western Philippines University Campus, Aborlan, Palawan	09° 26' 36.59"	118° 33' 36.79"	√		√		√	√	√
San Enrique Iloilo AWS	Iloilo State College of Fisheries, San Enrique, Iloilo	11° 04' 35.2N	122° 39' 32.7E	√		√		√	√	√
Janiuay, Iloilo AWS	Janiuay Comprehensive National High school Bgy. Damo ong Janiuay Iloilo	10° 56' 38.1"	122° 30' 45.2"	√		√		√	√	√
Sta Cruz, Mindoro Occidental AWS	Municipal compound Sta Cruz Occidental Mindoro	13° 05' 0.03"	120° 43' 10.31"		√	√		√	√	√
Mactan Radar AWS	Airport Road, Pusok, Lapu-Lapu City Mactan Island Cebu City	10° 19' 19.50"	123° 58' 49.07"		√	√		√	√	√
Talibon, Bohol AWS	Municipal Ground Talibon Bohol	10° 09' 03.12"	124° 19' 38.02"		√	√		√	√	√
Dausi, Bohol AWS	Brgy Dao, Dausi, Bohol	09° 35' 2.57"	123° 49' 7.44"		√	√		√	√	√
Dalaguete, Cebu	Bgy. Mantalongon, Dalaguete Cebu	09° 48' 48.67"	123° 27' 34.69"		√	√		√	√	√
Argao, Cebu AWS	Philippine National Science School, Argao, Cebu	09° 53' 57.88"	123° 35' 4.54"		√	√		√	√	√
Catarman Synoptic Station	Brgy Dalakit, Catarman, Northern Samar	12° 30' 19.67"	124° 37' 42.18"		√	√		√	√	√
Tacloban Synoptic Station	Daniel Z. Romualdez Airport, Brgy San Jose, Tacloban City	11° 13' 47.98"	125° 01' 30.85"		√	√		√	√	√
Maasin Synoptic Station	Capitol Site, Maasin, Southern Leyte	10° 08' 5.53"	124° 51' 39.09"		√	√		√	√	√
Iloilo Radar Station	Brgy Buntatala, Jaro, Iloilo	10° 46' 21.78"	122° 34' 44.95"		√	√		√	√	√
Puerto Princesa Palawan AWS	Puerto Princesa PAGASA Station, Puerto Princesa Palawan	9° 44' 24.60"	118° 45' 31.11"		√	√		√	√	√
Cuyo, Palawan AWS	PAGASA Station, Cuyo Palawan	10° 51' 15.23"	121° 0' 29.82"		√	√		√	√	√
Coron, Palawan	Coron PAGASA Station, Coron, Palawan	12° 0' 13.85"	120° 11' 59.54"		√	√		√	√	√
Sofronio Espanola Palawan	Municipal Compound (Pulot Center) Sofronio Espanola, Palawan	8° 58' 14.6"	118° 0' 0.18"		√	√		√	√	√
Narra Palawan	New Public Cemetery Compound, Narra Palawan	9° 16' 53.19"	118° 25' 41.5"		√	√		√	√	√
Brookes Point Palawan	Peoples Park, Old Municipal Compound, Brookes Point Palawan	8° 47' 9.52"	117° 50' 19.79"		√	√		√	√	√
Rizal, Palawan	Municipal Compound, Bgy. Antipulan, Rizal, Palawan	9° 1' 5.28"	117° 38' 57.8"		√	√		√	√	√

VISAYAS PRSD TOTAL AWS FOR MAINTENANCE OUTSOURCING : 30 STATIONS
 AWS WITH GUYED TYPE POLE : 13 STATIONS
 AWS WITH MONOPOLE : 17 STATIONS
 AWS WITH CAMPBELL CR1000 DATALOGGER : 12 STATIONS
 AWS WITH CAMPBELL CR310 DATALOGGER : 18 STATIONS
 AWS WITH COMBINED TEMPERATURE AND PRESSURE SENSOR : 2 STATIONS

MINDANAO PRSD

AWS STATION	ADDRESS	LATITUDE	LONGITUDE	POLE		DATALOGGER		SENSOR		
				Guyed	Monopole	CR1000	CR310	TMP/HUM HMP155	PRESS PTB210	SOLA CMP3
Tampakan, South Cotabato AWS	Purok Mainuswagon, Bgy Poblacion, Tampakan South Cotabato	06° 28.59' N	125° 4' 00' E	√		√		√	√	√
Kidapawan, North Cotabato AWS	Bgy. Llomavis, Kidapawan, North Cotabato	07° 02' 09.9"	125° 11' 32.7"	√		√		√	√	√
Ozamis City AWS	Bgy. Kinuman Norte, Ozamis, Misamis Occidental	08° 09' 41.4"	123° 43' 40.01"	√		√		√	√	√
Mambajao, Camiguin AWS	Provincial Agricultural Nursery Compound ,Mambajao, Camiguin	09° 15' 08.80	124° 42' 32.40	√		√		√	√	√
Digos, Davao del Sur AWS	Southern Philippines Agri-Business and Marine and Aquatic School of Technology Digos Campus, Digos davao del Sur	06° 45' 39.5"	125° 18' 30.9"	√		√		√	√	√
Gen. Luna, Siargao AWS	Poblacion, Gen. Luna, Siargao Island, Surigao del Norte	09° 46' 52.40"	126° 09' 23.90"	√		√		√	√	√
Tandag, Surigao del Sur AWS	Provincial Engineering Office Compound, Tandag, Surigao del Sur	09° 04' 02.80	126° 11' 38.60	√		√		√	√	√
Nasipit, Agusan del Norte AWS	Bgy Triangulo, Nasipit, Agusan del Norte	08° 58' 27.30	125° 21' 00.60	√		√		√	√	√
RTR PhilRice-Agusan	PhilRice Cpd. Remedios T. Romualdez, Agusan del Norte	9° 03' 55.17"	125° 35' 01.95"	√		√		√	√	√
Tagum, Davao del Norte AWS	University of South Eastern Philippines Campus, Tagum, Davao del Norte	07° 25' 06.3"	125° 49' 47.2"	√			√	√	√	√
Valencia Bukidnon AWS	Bgy. Pinatilan Valencia, Bukidnon	07° 53' 11.70"	125° 06' 01.30"	√			√	√	√	√
Talisayan, Misamis Oriental AWS	Misamis Oriental	09° 00' 47.90"	124° 52' 30.70"	√			√	√	√	√
Nabunturan, Compostela Valley	Provincial Capitol Compound, Nabunturan, Compostela Valley	07° 34' 39.90	125° 59' 33.60	√			√	√	√	√
Mati, Davao Oriental AWS	Mati, Davao Oriental	06° 56' 43.20"	126° 15' 24.2"	√			√	√	√	√
Tantangan, South Cotabato AWS	Agricultural Training Institute Compound, Tantangan, South Cotabato	06° 31' 47.60"	124° 48' 40.60"	√			√	√	√	√
Kabacan, North Cotabato AWS	University of Southern Mindanao Campus, Kabacan, North Cotabato	07° 06' 32.40"	124° 50' 50.50"	√			√	√	√	√
Simunul, Tawi Tawi	Sitio Lo-ok, Brgy. Tunggusong, Simunul, Tawi-Tawi	4° 53' 52.60"	119° 49' 19.80"	√			√	√	√	√
Surigao Synoptic Station	Capitol Site, Surigao City, Surigao del Norte	9° 46' 57.96"	125° 29' 22.01"		√		√	√	√	√
Butuan Synoptic station	Bancasi Airport, Butuan City (Agusan del Norte)	8° 56' 50.30"	125° 28' 56.82"		√		√	√	√	√
Hinatuan Station	Hinatuan, Surigao del Sur	8° 22' 31.14"	126° 19' 4.62"		√		√	√	√	√
Davao Synoptic station	Bangoy-Sasa (Old Airport), Sasa, Davao City	07° 7' 41.16"	125° 39' 17.65"		√		√	√	√	√
Bago Oshiro Agromet Station	Bago Oshiro, Talomo, Davao City	07° 4' 3.77"	125° 29' 46.43"		√		√	√	√	√
General Santos Synoptic Station	Tambler, General Santos City	6° 3' 26.28"	125° 6' 12.84"		√		√	√	√	√
Maasim Sarangani	Saranggani Energy Corporation, Maasim Sarangani	5° 51' 56.11"	125° 4' 50.51"		√		√	√	√	√

Kiamba, Sarangani	Poblacion, Kiamba Sarangani	5° 59' 28.68"	124° 37' 35.29"		√		√	√	√
Zamboanga Synoptic	Airport, Baliwasan, Zamboanga City, Zamboanga del Sur	6° 55' 10.42"	122° 3' 48.49"		√		√	√	√
Sindangan, Zamboanga	Bgy. Gabo Sindangan Zamboanga del Norte	8° 13' 57.36"	123° 00' 00.53"		√		√	√	√
Malaybalay Synoptic Station	Capitol compound Malaybalay Bukidnon	8° 9' 5.31"	125° 8' 1.48"		√		√	√	√
Marawi PAGASA Agromet	Marawi, Lanao del Norte	7° 59' 37.31"	124° 15' 26.61"		√		√	√	√

MINDANAO PRSD TOTAL AWS FOR MAINTENANCE OUTSOURCING : 29 STATIONS
 AWS WITH GUYED TYPE POLE : 17 STATIONS
 AWS WITH MONOPOLE : 12 STATIONS
 AWS WITH CAMPBELL CR1000 DATALOGGER : 9 STATIONS
 AWS WITH CAMPBELL CR310 DATALOGGER : 20 STATIONS
 AWS WITH COMBINED TEMPERATURE AND PRESSURE SENSOR : 3 STATIONS